

Jan.-Feb. 2020  
Vol. 23, No. 1

## Special Report: The Giant-Screen Films of 2020

Sixteen original giant-screen films are expected to be released by nine distributors in 2020, the largest total since 2002. The mix of topics covered includes exotic locations (five titles), space (three) dinosaurs, other animals, transportation, and weather (two each). **Imax Corporation** says that, in addition to at about three dozen repurposed Hollywood films, it will release two short documentaries, the first time it has premiered more than one doc in a calendar year since 2002.

In last year's film report we predicted 14 original GS films would open in 2019, although the actual number turned out to be 12. Four films originally set for a 2019 release have slipped into 2020:

*Ancient Caves*.....MacGillivray Freeman Films  
*Angkor: Lost Empire of Cambodia*.....K2 Studios  
*Asteroid Impact*.....Imax Corporation  
*Train Time*.....Stephen Low Company

### Topics

The exotic places that will be featured in 2020's GS films include *Ancient Caves* all around the world; Cambodia's Angkor

Wat, the world's largest single religious monument; both of the Earth's poles, with *America's Arctic* from **Cosmic Picture Distribution**, and at the other end, *Antarctica: Into the Unknown* from **SK Films**, and *Dinosaurs of Antarctica* from **Giant Screen Films**; and the wilderness generally, with MacGillivray's *Into America's Wild* (which will be known internationally as *Into Nature's Wild*).

The three space films are **Afterglow Studios'** *Artemis: Beginning of a New Era*; *Mars 1001*, distributed by K2; and Imax's *Asteroid Impact*.

Dinosaurs will be featured in *Dinosaurs of Antarctica* and *Dino Dana: The Movie*. Animals other than dinosaurs will be covered by *Sea Lions: Life by a Whisker* from K2 and *Tiger, Tiger* from Imax.

The transportation projects are **Formula E: Racing to the Future** from director **Peter Chang** and the **Stephen Low Company's** *Train Time*, the third in Low's rail trilogy, after *Rocky Mountain Express* (2011) and *The Trolley* (2018).

The two on weather are *Snow* from **nWave Pictures** and K2's *Ocean Currents*.

### DMR films

As this issue goes to press, only 14 Hollywood films have been officially identified as being released to IMAX theaters. They are listed in the box on page 7. Many more will be added over the course of the year.

In addition to two documentaries and roughly 35 feature films, Imax also plans to bring new forms of content to its theaters in 2020. The company has been in talks with streaming channels such as Netflix about releasing their content to IMAX screens, although resistance from theater

(see *FILMS* on page 7)

## The New Lfexaminer.com

We have started out the new year, and our 23<sup>rd</sup> year of publishing *LF Examiner*, with a complete overhaul of our Web site, Lfexaminer.com. The new site has a cleaner, more modern look, and new features and capabilities.

Our intention is to make the site a place you will want to visit on a regular basis. To that end, we have added links to breaking news stories on the home page, as well as trailers for GS films, behind-the-scenes videos, and more.

Perhaps the biggest change is to the database pages. The old static lists of theaters and films are now interactive and permit sorting and filtering. The query pages on the old site have been eliminated because visitors can now do the same searches directly on the list pages, with greater flexibility and control.

Will we be posting the content of the print edition on the site? We're still looking into that possibility. It's not as simple (or cheap!) as we had hoped, but if we can do it within the limits of our resources, we will.

Although we're pretty happy with the new site, it is still a work in progress, and we hope to make more changes and upgrades in the future. If you have any suggestions for improvements we can make to the site, please feel free to e-mail us at editor@Lfexaminer.com, join the online discussion at the comment page, or send us a private message via the contact page.

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### Premiering in February

*Dinosaurs of Antarctica*  
*Into America's Wild*  
*Sea Lions: Life by a Whisker*

See page 7.

Founded 1997 as MaxImage!

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# GSCA Film Expo Preview: March 9–10

The **Giant Screen Cinema Association** will hold its annual Film Expo in Los Angeles, March 9–10. The meeting will feature screenings of ten giant-screen films, sessions on films in production and development, and a session on GS innovations (formerly known as the Technical Session). Committee and board meetings will be held on the day before the expo, March 8.

The film screenings will be projected digitally on the IMAX laser system at the **AMC CityWalk IMAX Theater** in Universal CityWalk. The conference hotel is the Hilton Universal City.

Below are the new films that will be screened and the films in production and development that will be presented at the Film Expo. (Some New Film screenings were scheduled after this issue went to press.)

For more information and to register, visit [giantcreencinema.com](http://giantcreencinema.com).

## New Films

Title	Producer
<i>Ancient Caves</i> .....	Oceanic Research Group
<i>Angkor: Lost Empire of Cambodia</i> .....	Definition Films
<i>Apollo 11: First Steps Edition</i> .....	Statement Pictures, LLC
<i>Asteroid Hunters</i> .....	Imax Corporation
<i>Back From the Brink</i> .....	Sean Casey Productions
<i>Conquest of the Skies</i> .....	Colossus Productions
<i>Dino Dana: The Movie</i> .....	Sinking Ship Entertainment
<i>Dinosaurs of Antarctica</i> .....	Giant Screen Films
<i>Into America's Wild</i> .....	MacGillivray Freeman Films, Inc.
<i>Mountain Adventure: Out of Bounds</i> .....	Wild Pacific Media
<i>Sea Lions: Life by a Whisker</i> .....	Definition Films
<i>The Son of Bigfoot 3D</i> .....	nWave Pictures

## Films in Production

Title	Producer
<i>America's Arctic</i> .....	Terra Mater Factual Studios GmbH
<i>Antarctica: Into the Unknown</i> .....	BBC Studios Natural History Unit
<i>Artemis: Beginning of a New Era</i> .....	Afterglow Studios
<i>Cool Cities</i> .....	Wild Pacific Media
<i>Formula E: Racing to the Future</i> .....	Golden Gate 3D
<i>Ireland</i> .....	MacGillivray Freeman Films, Inc.
<i>Mars 1001</i> .....	Mirage 3D
<i>Mulan</i> .....	Walt Disney Pictures
<i>No Time to Die</i> .....	Metro-Goldwyn-Mayer
<i>Ocean Currents</i> .....	Wild Pacific Media
<i>Secrets of the Sea</i> .....	Oceanic Research Group
<i>Serengeti</i> .....	K2 Studios
<i>Shark Heroes</i> .....	Definition Films
<i>Snow</i> .....	Saint Thomas Productions
<i>Tenet</i> .....	Warner Bros.
<i>Top Gun: Maverick</i> .....	Paramount Pictures Corporation
<i>Wings Over Water</i> .....	Dorsey Pictures
<i>Wonder Woman 1984</i> .....	Warner Bros.

## Films in Development

Title	Producer
<i>Gravity</i> .....	Boston Films
<i>How to Be an Orangutan</i> .....	December Media
<i>Jet Force Nine</i> .....	Speedbird Productions

<i>Koala</i> .....	Amezdroz Media
<i>Oceans Power</i> .....	Boston Films
<i>Pantanal—The Wild Wetland of the Jaguar</i> .....	Schurmann Filmes
<i>Shark Rescue</i> .....	December Media
<i>Unseen Football</i> .....	Wonderburst

## Sunday, March 8: Pre-Expo Day

Time	Event	Location
8:00 am - 6:00 pm	Registration and Information	Hilton
9:00 am - 11:30 am	GSCA Board Meeting (breakfast served)	Hilton
12:00 pm - 1:30 pm	Committee Meetings (snacks served): - Technical - Industry Development	Hilton
2:00 pm - 7:00 pm	Film Rehearsals	IMAX Theater
2:00 pm - 3:30 pm	Committee Meetings: - Event Planning - Member Services	Hilton
4:00 pm - 5:00 pm	Distributors Interest Group Meeting (by invitation only)	Hilton
4:00 pm - 5:00 pm	Producers Interest Group Meeting (by invitation only) Dinner on your own	Hilton

## Monday, March 9: Film Expo Day 1

Time	Event	Location
8:00 am	Breakfast on your own Walk to Theater	
8:00 am - 5:00 pm	Registration and Information	IMAX Theater
8:30 am - 8:45 am	New Film 1	IMAX Theater
8:45 am - 9:30 am	New Film 2	IMAX Theater
9:30 am - 10:15 am	New Film 3: <b>Asteroid Hunters</b>	IMAX Theater
10:15 am - 10:30 am	Coffee Bar	IMAX Theater
10:15 am - 10:30 am	Break	IMAX Theater
10:30 am - 11:15 am	New Film 4: <b>Sea Lions: Life by a Whisker</b>	IMAX Theater
11:15 am - 11:40 am	Projects in Development	
11:40 am - 12:00 pm	Trailers	IMAX Theater
12:00 pm - 1:15 pm	Lunch on your own	
1:15 pm - 3:30 pm	Films in Production Session	IMAX Theater
3:30 pm - 3:45 pm	Break	
3:45 pm - 4:30 pm	New Film 5	IMAX Theater
4:30 pm - 5:15 pm	New Film 6: <b>Into America's Wild</b>	IMAX Theater
5:15 pm - 6:00 pm	New Film 7	IMAX Theater
7:00 pm	Dinner on your own	

## Tuesday, March 10: Film Expo Day 2

Time	Event	Location
8:30 am - 10:00 am	Registration and Information	Hilton
9:00 am - 10:15 am	GSCA Member Meeting and Breakfast	Hilton
10:15 am	Walk to theater	
10:30 am - 5:00 pm	Registration and Information	IMAX Theater
10:45 am - 11:30 am	New Film 8	IMAX Theater
11:30 am - 12:15 pm	New Film 9	IMAX Theater
12:15 pm - 1:00 pm	New Film 10	IMAX Theater
1:00 pm - 2:30 pm	Lunch on your own	
2:30 pm - 3:15 pm	New Film 11	IMAX Theater
3:15 pm - 4:00 pm	New Film 12	IMAX Theater
4:00 pm - 4:15 pm	Break	
4:15 pm - 5:00 pm	Giant Screen Innovations	IMAX Theater
5:45 pm	Walk to hotel	
5:45 pm - 6:45 pm	GSCA Board Meeting	Hilton
6:45 pm - 8:00 pm	Cocktails Dinner on your own	Hilton

This schedule is accurate as of press time, but is subject to change.

# The Man Who Cleans 8-Story IMAX Screens

by Zachary Crockett

Late at night, long after moviegoers have scattered from the last screening and cleaning crews have swept away popcorn remnants, **Michael Quaranto** begins his work.

The empty IMAX theater is quiet, dark, and palatial — almost cathedral-like — and Quaranto is its resident stagehand: he is there to cleanse the eight-story-tall, \$250,000 screen of dust, gummy bears, and spit wads.

Cleaning a screen may seem like a simple task, but it's such a specialized process that Quaranto is paid as much as \$5,000 per screen for eight hours of work.

Two decades ago, when IMAX theaters first started to spread to multiplex theaters, Quaranto sensed an opportunity to corner a niche market. Today, he runs what may be the only large-format screen cleaning service in the country, earning nearly \$1,000,000 in annual revenue.

## His journey began by chance

In the early 1990s, Quaranto, then 15 years old, was offered a weekend job by the father of one of his high school friends. The man, named Jeff, ran a one-of-a-kind business out of Garland, Texas: he specialized in cleaning movie theater screens.

At the time, most movie screens were made of highly durable, white perforated nylon. Aside from the occasional mop swipe from a janitor, they were rarely cleaned. Most theaters either replaced them when they got too ratty or just let them accumulate layers of dust and nacho cheese.

Jeff had convinced cinemas all over the

U.S. that screens should be regularly cleaned. To get this work done, he recruited Quaranto and the teen's best friend, Andrew Brown, to travel and clean screens.

"The technique back then was to throw a bath towel over a pushbroom head with some velcro to keep it on," says Quaranto.

He went on to study business marketing, while Brown studied engineering, at Baylor University. In the early 2000s, both became airline pilots. On their days off they continued to clean movie screens for Jeff's company, and in the course of doing so, they began to notice a trend.

When Quaranto relayed these requests, Jeff told him the screens were "impossible to clean" and turned down the work. Nobody, he claimed, knew how to wash them.

Quaranto refused to believe that.

In 2004, he and Brown came up with a patented process for cleaning large movie screens. Then the duo launched **1570 Cinema Services**, a company geared toward IMAX screens. It wasn't long before they got their first call. **Luxor**, a casino and hotel in Las Vegas, needed its IMAX theater cleansed of eight years' worth of filth.

For one night of work, Quaranto was paid \$4,000, and a niche industry was born.

## The screen cleaning business

Today, Quaranto's business, which operates out of Texas, cleans screens around the world every year, from North Carolina to Australia. The bulk of these jobs are standard 20- to 45-foot multiplex screens, secured through deals with two of the three largest cinema chains in the U.S. But in a typical year, he'll also take on a dozen or so larger IMAX jobs.

Other companies could, in theory, compete with Quaranto for business. But there's a specific

catch that has allowed him to monopolize the industry.

"Screens are extremely expensive," says Quaranto. "If they get ruined, they have to get one custom-made that comes in from Europe, and the theater is going to be out of business for a long time. Theater operators don't want to take a risk with new cleaning companies."

Rates vary by the size of the screen, but  
(see **CLEANING** on page 15)



*Cleaning a dome screen.*

## Beginnings of a niche industry

"Every once in a while, we'd go to one of these multiplex theaters to clean the 18 regular-sized movie screens, and the owner would say, 'Hey, can you guys do this 80-foot-tall IMAX screen?'" recalls Quaranto. Billed as a "radical change in the movie-going experience," IMAX screens were up to three times larger than standard screens, curved, and made out of more sensitive materials.



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# THE BIZ

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## NEWS

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### GSCA reworking fall conference

The **Giant Screen Cinema Association** has announced that, in response to member comments and to reduce expenses for all parties, it will incorporate the Theater Symposium into the body of its three-day conference in September, rather than as a separate fourth day, as originally planned.

Stating that the content planned for the symposium was “vital,” the association said in a release that the “strongest components” will be merged into the professional development sessions of the conference. The group urged members to “bring additional staff to take advantage of the theater-focused sessions” and other features of the meeting.

The GSCA’s annual conference and trade show is scheduled for Sept. 22–24, 2020, in Chicago, IL. For more information, visit [giantscreencinema.com](http://giantscreencinema.com).

### Cosmic to dist *America’s Arctic*

**Cosmic Picture Distribution** will distribute *America’s Arctic*, a documentary about the Arctic National Wildlife Refuge

produced by **Terra Mater Factual Studios**, and set for a fall release. The film is directed by veteran GS producer **Myles Connolly** and award-winning nature photographer **Florian Schulz**.

Schulz has lived in ANWR for five years to film porcupine caribou, polar bears, and other wildlife in the 19-million-acre (78,000-square-kilometer) sanctuary in northeastern Alaska.

**Campion Advocacy Fund**, a non-profit organization dedicated to protecting wilderness areas, is supporting the film with “a broad-based media and engagement initiative,” according to a release.

### Science Museum to add IMAX laser

The **Science Museum** in London closes on Feb. 2 for a major renovation that will add an IMAX dual4K laser system to its booth, while retaining the 20-year-old 15/70 GT 3D film projector. The theater will also get new seats and a new concessions area and refreshments bar.

When it reopens this summer, the thea-

ter will be renamed IMAX: The Ronson Theatre.

The project is being funded by the **Gerald and Gail Ronson Family Foundation**, a philanthropic organization that provides opportunities for the underprivileged in education, community, welfare, medicine, security, and the arts.

### Jonze making *Beastie Boys* doc

*Beastie Boys Story*, a documentary about the U.S. hip-hop group, directed by **Spike Jonze**, will open in select IMAX theaters on April 3, followed by a streaming release on Apple TV+ three weeks later. Jonze, the director of *Being John Malkovich* (1999), *Her* (2013), and numerous music videos, has known and worked with the band for decades, directing their 1994 short *Beastie Boys: Sabotage*.

Written by band members **Mike D** and **Ad Rock**, the film will trace their history, telling the “intimate, personal story of their band and 40 years of friendship,” and depicting the *Beastie Boys Story* live



Director/cinematographer Florian Schulz filming in the Arctic National Wildlife Refuge for *America’s Arctic*.

Cosmic Picture

# THE BIZ

## NEWS

events the three produced last year.

Jonze is also working on a photo book featuring behind-the-scenes looks at his collaborations with the group.

### IMAX film slate delayed in China

In late January **Imax Corporation** announced its support for the decision by several Chinese studios to postpone the release of films originally set for the Chinese New Year because of the outbreak of coronavirus in Wuhan and other cities.

In a statement the company said that “the safety of Chinese audiences is our top priority. We have every expectation that these films will be released in 2020 and that audience demand for these releases will remain high. Our thoughts are with the Chinese people, for whom we wish a swift resolution to this issue and a safe and healthy Chinese New Year.”

### Imax's e-sports deal with Vindex

**Imax Corporation** has partnered with a **Vindex**, a startup “e-sports infrastructure platform,” to bring live video game competitions to IMAX theaters worldwide, starting in the first half of 2020. Vindex will broadcast e-sports events through its Vindex Studios division, which is working with e-sports publishers and leagues.

According to a 2019 report from gaming industry analyst Newzoo, global e-sports revenue exceeds \$1 billion, with a worldwide audience of nearly 500 million people. Professional players, in teams or individually, compete in genres such as fighting, first-person shooters, and multiplayer online battle arenas.

Imax and Vindex have not said what games or events will be offered, or how tickets would be priced.

### 2019 IMAX box office tops \$1B

**Imax Corporation** announced in mid-December that its box office grosses in 2019 had already exceeded \$1.035 billion, beating the previous record of \$1.032 billion set in 2018. Other records set in 2019 included highest international box office

(\$368.6 million), local language box office (\$124.3 million), and Chinese box office (\$341 million), with 21 other countries and territories also reaching new highs, including India, Japan, France, and Germany.

### Hurtubise has new post at COSI

**Christine Hurtubise** has been promoted to senior director of special projects and marketing analysis at the **Center of Science and Industry** (COSI) in Columbus, OH. In the new position she will create and lead projects to increase attendance in support of the center's strategic plans and analyze and evaluate marketing and promotional plans and partnerships.



Chris Hurtubise

Hurtubise has been with COSI since 1996, when she started as senior director of marketing for the center's giant-screen theater, originally equipped with an Iwerks 8/70 film projector, and converted to digital in 2011. She has also served as the center's senior director of marketing and communication, overseeing marketing of the entire center. She holds a Bachelor of Science in Business Administration from the Ohio State University.

### Mollet named chair of dome group

**Jackie Mollet** has been named chair of the **Giant Dome Theater Consortium**, an association of seven giant-screen dome theaters. The consortium supports GS dome venues by funding films optimized for dome screens, including **Volcanoes: The Fires of Creation** from SK Films; **Cuba** from Giant Screen Films; and MacGillivray Freeman Films' **National Parks Ad-**



Jackie Mollet

venture.

**venture.**

Mollet has served as managing director and head of visitor services at Missouri's **Saint Louis Science Center** since 1999, overseeing its 315-seat OMNIMAX Theater (recently converted to IMAX dome laser projection), as well as the planetarium, traveling exhibitions, food services, and retail operations.

In addition to Saint Louis, the GDTC consists of the **Science Museum of Minnesota** in St. Paul; the **Cincinnati Museum Center**; Boston's **Museum of Science**; the **Fleet Science Center** in San Diego, CA; **Discovery Place** in Charlotte, NC; and the **Museum of Science and Industry** in Chicago.

### Don Savant is CEO of CJ 4DPLEX

**Don Savant** has been named CEO of the U.S. division of **CJ 4DPLEX**, a South Korean theater technology company that provides the ScreenX multi-screen system and 4DX motion bases to multiplex cinemas. Savant will head up the expansion of both systems in U.S. cinemas.



Don Savant

ScreenX projects additional imagery on the side walls of multiplex theaters to create an expanded immersive cinema experience. There are over 300 ScreenX theaters in 32 countries. 4DX uses individual or ganged motion-base seats and environmental effects such as water, wind, fog, scent, and snow, synchronized to the on-screen action.

Savant was with **Imax Corporation** for 18 years, starting in 2000 as VP and general manager for the Asia-Pacific regions, and most recently serving as president of global sales from 2016 to 2018. During his tenure he added 730 theaters to the company's worldwide footprint.

Before joining Imax in 2000, he worked at **Iwerks Entertainment**, where he launched that company's first 4D theaters.

# GIANT-SCREEN AND DMR FILMS RELEASED SINCE 2010

(Does not include limited or regional DMR releases. Key to abbreviations is on page 21.)

## Primary Source Material

- IMAX DMR (live action)
- Animation/CGI
- Digital
- LF Film

Bold text = 3D

White text = Made for GS

45

40

35

30

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45

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15

10

5

AdAstra

Alita

ACH

Avengers4

CaptMarv

CharAng

COLL

DarkPhoe

DrSleep

Dumbo

F&F9

FVF

FreeSolo

GeminiMan

Glass

GodzillaKM

Hellboy

IT2

JKK

JohnWick3

Joker

JTNL

LionKing19

MMOE

MIBI

Shazam

Soundgar

SMFFH

SW9

TermDF

Aladdin

Frozen2

HTTYD3

LegoMov2

ToyStor4

Angkor

BFTB

Cuba

AsterImp

DNP

DinoDana

DOA

ExpChesa

GBRF

HiddPac

IAW

OOB

Mars1001

SOTU

SupDogs

SeaLion

TTS

Snow

TigerTiger

TrainTime

BeaversDC

Volcanoes

TurtOdys

WTM

SOG

Hurrican

EarthFli

ConqOTS

AmazAdv

xXx

WW

BeauPlan

GlobSoun

IncPred

MA

MOC

SFLIS

ExtrWeat

WildCats

WildAfri

SpaceNex

Robots3D

LITAOA

JTS

JMCSO

G3DNW

GreatApe

WTP

WWS

IOLM

Jerusal

HidUniv

LastReef

Rescue

BTBW

FOTB

Meerkats

FlyMons

DPTP

AirRacer

Frankenw

PIB

MNM

HappyFe2

SammyAd

QQ

ToyStor3

TinTin

TDOTM

Shrek4

Megamind

LOTG

HTTYD

TwiEclip

TronLeg

REA

POP

PA2

IronMan2

HPDH2

HPDH1

AIW

Aftersho

Contag

Hobbit1

Hobbit2

Hobbit3

Hercules

Furious7

JuraWorl

JupiAsce

ITHOTS

HGM2

AAOU

AmSnipe

AntMan

DWH

DrStrang

DivergAI

Deadpool

CACW

BenHur

BatvSup

ATTLG

10Clover

12Strong

AMATW

Aquaman

AvengIW

BlackPan

Commuter

DarkMind

Equalizer2

FBTGOG

FSF

FirstMan

JWFK

MMHWGA

MRDC

MEG

MIF

MortEng

Nun

PRU

Predator

Rampage

RPO

RedSpar

Solo

TombRaid

VenomSon

WrinkTime

Incred2

SMITSV

AMJ

AGWN

BackWild

GBR3D

ISR

MounQue

OOBP

Pandas

PlanPowe

SOE

Trolley

A11FSE

BeaversDC

Volcanoes

TurtOdys

WTM

SOG

Hurrican

EarthFli

ConqOTS

AmazAdv

xXx

WW

BeauPlan

GlobSoun

IncPred

MA

MOC

SFLIS

ExtrWeat

WildCats

WildAfri

SpaceNex

Robots3D

LITAOA

JTS

JMCSO

G3DNW

GreatApe

WTP

WWS

IOLM

Jerusal

HidUniv

LastReef

Rescue

BTBW

FOTB

Meerkats

FlyMons

DPTP

AirRacer

Frankenw

PIB

MNM

HappyFe2

SammyAd

QQ

ToyStor3

TinTin

TDOTM

Shrek4

Megamind

LOTG

HTTYD

TwiEclip

TronLeg

REA

POP

PA2

IronMan2

HPDH2

HPDH1

AIW

Aftersho

Contag

Hobbit1

Hobbit2

Hobbit3

Hercules

Furious7

JuraWorl

JupiAsce

ITHOTS

HGM2

AAOU

AmSnipe

AntMan

DWH

DrStrang

DivergAI

Deadpool

CACW

BenHur

BatvSup

ATTLG

10Clover

12Strong

AMATW

Aquaman

AvengIW

BlackPan

Commuter

DarkMind

Equalizer2

FBTGOG

FSF

FirstMan

JWFK

MMHWGA

MRDC

MEG

MIF

MortEng





Dinosaurs of Antarctica

(from **FILMS** on page 1)

chains has made the prospect challenging. And as we report on page 5, Imax has just signed a deal with **Vindex**, a distributor of e-sports, to broadcast live video game competitions onto IMAX screens.

Among the feature films of 2020, the most exciting new release for readers of *LF Examiner* and other film buffs is probably **Christopher Nolan's Tenet**, opening on July 17. As with his last five films (*The Dark Knight*, 2008; *Inception*, 2010; *The Dark Knight Rises*, 2012; *Interstellar*, 2014; and *Dunkirk*, 2017), Nolan has shot the entire movie on film, mostly 5/65 or 15/65. Although the majority of theaters showing it will use digital projection, as with the earlier five titles, a few dozen 15/70 prints of *Tenet* will be made and shown in select theaters worldwide.

For *Dunkirk*, 37 15/70 prints were struck, and at least 16 of those were shown in non-multiplex theaters. As laser projection has spread throughout the IMAX circuit, more and more 15/70 film projectors have been decommissioned or scrapped. Fewer than 100 are still operational worldwide, about two-thirds of them are in institutional theaters. No more than 36 IMAX film systems remain in multiplex booths, and none has been used since 2017.

Over the coming months, **Warner Bros.** and Imax Corporation will determine how many and which venues will get 15/70

prints. In the case of the selected multiplex theaters, a substantial maintenance program will be undertaken to ensure that the projectors, with an average age of about 20 years, are in perfect operating condition after three years standing idle. In addition, experienced 15/70 projectionists (at least two or three per venue) will have to be contracted to work in each booth for the as-yet-undetermined length of the run. (Few multiplexes still employ projectionists with the necessary experience.) All this makes it likely that a substantial portion of theaters showing *Tenet* on 15/70 film will be in museums, where all this effort and expense will not be needed.

If the past is any guide, Nolan will also push to get as many 5/70 and 35mm prints of *Tenet* screened as possible.

*Below are the original giant-screen films of 2020, listed chronologically by their announced release dates. Summaries in quotation marks were provided by the producers. Additional produc-*

## 2020 DMR FILMS

Title	Dist	Release
1917	UP	1/10/20
Bad Boys for Life	SPE	1/17/20
Doolittle	UP	1/17/20
Birds of Prey	WB	2/2/20
Onward	WDP	3/6/20
A Quiet Place Part II	PAR	3/20/20
Mulan	WDPD	3/27/20
Beastie Boys Story	Poly	4/3/20
No Time to Die	MGM	4/10/20
Fast & Furious 9	UP	5/22/20
Wonder Woman 1984	WB	6/5/20
Top Gun: Maverick	PAR	6/26/20
Tenet	WB	7/17/20
The King's Man	FOX	9/18/20

tion updates can be found in "In Production" on page 12.

*Underlined titles indicate that the film is in 2D. All others are 3D.*

*DMR titles officially announced by Imax Corporation at press time are listed below. This list does not include films that will be shown only in specific countries or regions.*

## Dinosaurs of Antarctica

*Produced by Giant Screen Films, distributed by Giant Screen Films. Directed by David Clark, produced by Don Kempf, Deborah Raksany, and Andy Wood, photographed by Reed Smoot, written by Deborah Raksany and Andy Wood, scored by Cody Westheimer. Cast: Libby Ives, Dr. Patty Ryberg, Dr. Nathan Smith. Release: Feb. 14.*

*"From the Permian through the Jurassic, journey to the south polar landscapes* (see **FILMS** on page 8)



Into America's Wild



Sea Lions: Life by a Whisker

(from **FILMS** on page 7)

of Antarctica hundreds of millions of years ago. Roam the primitive forests and thick swamps with bizarre dinosaurs and colossal amphibians. Enter a surreal world of bug-eyed giants and egg-laying mammals, where survival means enduring the sunless, six-month polar winter surrounded by meat-eaters with night vision. Join intrepid Antarctic scientists on a quest to understand the ice continent's profound transformation, and to predict the future as humans drive dramatic change. Welcome to the lost prehistoric world of Gondwana. Welcome to Antarctica."

### **Into America's Wild**

*Produced by MacGillivray Freeman Films, distributed by MacGillivray Freeman Films. Directed by Greg MacGillivray, produced by Shaun MacGillivray, photographed by Brad Ohlund, written by Steve Judson, scored by H. Scott Salinas. Executive producers: Tom Garzilli. Cast: Ariel Tweto, John Herrington, Jennifer Pharr Davis, Emma Faye Rudkin, Shaun Martin. Narrator: Morgan Freeman. Release: Feb. 14.*

"From the producers of the acclaimed hit film *National Parks Adventure* comes *Into America's Wild*, an unforgettable cross-country adventure into the hidden wonders of the natural world. A non-stop ride via kayak, bike, train, hot air balloon, zipline and more, *Into America's Wild*

explores some of the most beautiful but lesser-known landscapes of North America, from the wilds of Alaska and the lush coastline of Oregon to the ancient canyons of the Southwest and the rolling hills of the Appalachian Trail. Setting out on this journey are three trailblazers — Native American astronaut John Herrington, Alaskan pilot and youth advocate Ariel Tweto, and record-breaking long-distance hiker Jennifer Pharr Davis — who share a passion for connecting people to experi-

ences in the wild. As they wind their way through the scenic byways, ancient homelands, secret gems, and hidden trails that form the natural tapestry of America, viewers will discover the special human connection we share with the natural world."

### **Sea Lions: Life by a Whisker**

*Produced by Definition Films, distributed by K2 Studios. Directed by Amelia McCarten and Paul Phelan, produced by David Gross and Sarah Beard, photographed by Jonathan Shaw ACS, Cam Batten, Tim Nagle, and Matty Ower, written by Amelia McCarten and Paul Phelan, scored by Michael Lira. Executive producers: John Maynard, Andrew Mason, Bernard Gross, Mark Kresser, Bob Kresser, Ed Capelle, Phil Hunt, and Compton Ross. Cast: Dirk Holman. Release date: Feb. 15.*

"*Sea Lions: Life by a Whisker* is a classic coming-of-age tale filled with hope, humor, and wonder, told through a vast ocean that connects us all. Between a jagged cliff face and a roaring ocean lives one of the rarest marine mammals on the planet, the Australian sea lion, and one very special pup named Otto. Curious, intelligent, and playful, this family of whiskers needs our help. A heart-warming journey of a sea lion pup, and the man who has



Ancient Caves



dedicated his life trying to save her species. Embark on an epic quest through the uninhabited wilderness of the Great Australian Bight, to the lush kelp forests off the Californian coast. In stunning 3D, encounter giant humpback whales, cunning cuttlefish, great white sharks, and one Marine Park Ranger on a mission to find out what it takes to save a species."

### Ancient Caves

*Produced by Oceanic Research Group, distributed by MacGillivray Freeman Film Distribution. Directed and photographed by Jonathan Bird, produced by Jonathan Bird and Art Cohen, written by Art Cohen and Jonathan Bird, scored by*

together as the team embarks on an expedition to some of the world's most extreme caves, both above and below the water, to learn how fast the climate can change, and how it has affected human civilization."

### Train Time (wt)

*Produced and distributed by the Stephen Low Company. Directed and written by Stephen Low, produced by Pietro Serapiglia and Stephen Low. Executive producer: Paul Globus. 2D. Release: April 15.*

"Join the crew of a giant freight train for an eye-popping, music-infused journey across America. Filmed in the world's

largest film format from the sky and from aboard giant freights, *Train Time* delivers an unprecedented 'being-there' experience. Aboard a train hundreds of cars in length and strung for miles,

we cross a network of steel running through vast changes in topography — across prairie, through forests, mountains, and desert, into cities and towns — from the Great Lakes to the Pacific shore. In the Control Center discover railroading on a scale rarely seen and witness the enormous effort of high-tech coordination that keeps satellite-connected locomotives and freight of all kinds moving to myriad destinations. Weaving together present green tech and classic steam locomotives, grit, glamour, and glorious landscapes, *Train Time* immerses viewers in a grand tapestry of railroading, reveal-



Asteroid Hunters (Image not provided by producer.)

ing along the way the art and science of running these amazing trains. Shot entirely on 15/70 film."

### Asteroid Hunters (formerly Asteroid Impact)

*Produced by Imax Entertainment and Huahuang Pictures, distributed by Imax Entertainment. Directed by W.D. Hogan, produced by Jini Durr and Phil Groves, photographed by Sean MacLeod Phillips, written by Phil Groves. Executive producers: Anna Chi and Phil Groves. Cast: Marina Brozovic, Mark B. Boslough, Kelly Fast, Nahum Melamed. Release: April 17.*

"Venture into deep space for a fascinating look at asteroids, their cosmic origins, and the potential threat they pose to our world. *Asteroid Hunters* introduces asteroid scientists — the best line of defense between Earth and an asteroid's destructive path — and reveals the cutting-edge tools and techniques they use to detect and track asteroids, and the technology that may one day protect our planet. The effects of an asteroid impact could be cata-

(see **FILMS** on page 10)



Train Time

*Bruce Zimmerman. Executive producers: Christine Bird, Mike Day, Dave Duszynsky, Robin Doty. Cast: Dr. Gina Moseley, Dr. Larry Edwards, Brian Kakuk, Todd Kelly, Dr. Keith Tinker. Narrator: Bryan Cranston. Release: March 13.*

"Dr. Gina Moseley is a scientist on a mission as she travels the world exploring vast underground worlds in her quest to unlock the secrets of the Earth's ancient climate in the most unlikely place: caves. The fingerprints of past climate change are stored in stalagmites, formed by ancient dripping water. Gina's need for underwater samples leads her to world-renown cave diver Brian Kakuk. Brian can go where Gina can't, and together they can reach places very few humans will ever go. *Ancient Caves* brings science and adventure



Dino Dana: The Movie



Mars 1001

(from **FILMS** on page 9)

strophic, and while the current probability of an event in our lifetimes is low, the potential consequences make the study of asteroids an incredibly important area of scientific research. Witness the latest in planetary defense and how science, ingenuity, and determination combine to explore the world's most preventable natural disaster."

### **Dino Dana: The Movie**

*Produced by Sinking Ship Entertainment, distributed by Sinking Ship Entertainment. Directed by J.J. Johnson, produced by Eric Beldowski, Blair Powers, Christin Simms, and Matthew J.R. Bishop, photographed by George Lajtai CSC, written by J.J. Johnson and Christin Simms, scored by Michael-Paul Ella. Executive producers: J.J. Johnson, Blair Powers, Christin Simms, Matthew J.R. Bishop. Cast: Michaela Luci, Saara Chaudry, Nicola Correia-Damude, Amish Patel. 2D. 30 minutes. Release: June.*

"From multi-E Emmy Award-winning Sinking Ship Entertainment comes *Dino*

*Dana: The Movie*, an action-packed dinosaur adventure that follows 10-year-old Dana as she tries to solve dino experiment 901: where are all the kid dinos? But before she can complete her experiment, Dana's new upstairs neighbor, Mateo, finds her magical Dino Field Guide, which allows him to see dinosaurs in real life, too.

This discovery kicks off a prehistoric journey bigger than anything Dana has ever faced before. When Mateo is dino-napped by a T-Rex, who thinks he's one of her babies, it's up to Dana, her sister Saara, and Mateo's older stepbrother Jadiel to get him back. Along the way, Dana and her friends will race through a stampede of Triceratops, take on a Spinosaurus, get beak to nose with a Quetzalcoatlus, and come to realize that family, whether human or Jurassic, is the most important quest of all."

### **Mars 1001**

*Produced by Mirage 3D, distributed by K2 Studios. Directed and written by Robin Sip, photographed by Christiaan Wouda, scored by Mark Slater. Cast: Miles O'Brien. Release: September.*

"*Mars 1001* begins with a retrospective by veteran space reporter Miles O'Brien. He's familiar to Americans as the reporter who covered so many missions for CNN and has gone on to serve as an independent science correspondent for PBS NewsHour. In this movie he plays himself from a future perspective. He

introduces us to the concepts of the Mars IRIS 1 mission and its 1001-day maiden voyage to Mars. Director Robin Sip and his team have painstakingly recreated a mission control, complete with launch team, sets of spacecraft, habitats, and rovers. Miles reports on the mission's progress from his anchor desk throughout the trip."

### **Snow (wt)**

*Produced by Saint Thomas Productions, nWave Pictures, distributed by nWave Pictures Distribution. Directed by Jacqueline Farmer and Cyril Barbançon, produced by Jacqueline Farmer, Cyril Barbançon, and Eric Dillens, photographed by Cyril Barbançon, written by Jacqueline Farmer, Cyril Barbançon,*



Tiger, Tiger

*Philippe Chappuis, and Andy Byatt. Executive producers: Jacqueline Farmer, Cyril Barbançon, Eric Dillens: Release: September.*

"Snow holds a unique place in our lives and our imaginations, encompassing magic, nostalgia, fear, and enigma. Now it has arrived at a defining moment in the age of the Anthropocene: for much of the world there will be a before and after the disappearance of snow. 'Will there still be a white Christmas?' is an increasingly desperate question in the era of climate change. Winters are shortening. Global warming is disrupting the movement of winter storm systems in the northern hemisphere, causing brutal localized snowfall in some places and in others a 'shortage.'

"Fauna and flora are being disrupted: in



Director Cyril Barbançon filming *Snow*.





Angkor: Lost Empire of Cambodia

the Alps, the snowpack is decreasing and with it, the ability of animals and plants to cope with winter. Men and women whose economic survival depends on snow are increasingly helpless. Ski resorts are resorting to artificial snow to stay open.

"The fear that this beauty may disappear inspired the film: a celebration of the wonder of the snow, in all its forms."

### **Tiger, Tiger**

*Produced by White Mountain Films, Kennedy/Marshall Company, Imax Corporation, distributed by Imax Corporation. Directed by George Butler, produced by George Butler, Keero Birla, and Caroline Alexander; photographed by Reed Smoot and Tom Hurwitz, written by Caroline Alexander, scored by Mark Kilian. Executive producers: Julian Robertson, Frank Marshall. Cast: Dr. Alan Rabinowitz. 2D. Release: September.*



Ocean Currents

"*Tiger, Tiger*, an IMAX original documentary, will take audiences into the ancient, threatened kingdom of the Royal Bengal Tiger of the Sundarbans, at the southernmost edge of the Bengal Delta. We are excited to bring an immersive adventure —

glimpses of the rarely seen tiger on the majestic scale it deserves, the mysterious mangrove forests of the Sundarbans, and the last journey of a beloved and fearless conservation icon — to an IMAX screen near you."

### **Angkor: Lost Empire of Cambodia** (wt)

*Produced by Definition Films, Helio Projects Asia, distributed by K2 Studios. Directed by Murray Pope, produced by Christopher Zaryc, David Gross, and Murray Pope, photographed by Earle Dresner, written by Murray Pope and Paul Phelan. Executive producers: Ed Capelle, Mark Kresser, Nick Robinson, Kulikar Sotho, John Weiley. Release: October.*

"At the height of its power between the 9<sup>th</sup> and 15<sup>th</sup> centuries, Angkor was a resplendent city, considered the most extensive urban complex of the pre-industrial world. But by the late 16<sup>th</sup> century the empire was in its death throes.

The people of Angkor left not a single word explaining their kingdom's collapse. Come along on this giant-screen adventure to unveil the mysteries behind this lost jewel of Cambodia!"

### **Ocean Currents** (wt)

*Produced by Wild Pacific Media, Definition Films, distributed by K2 Studios. Directed by Nick Robinson, produced by Nick Robinson, Electra Manikakis, and Peta Ayers, photographed by Nick Robinson, Jonathan Shaw ACS, and Caspar Mazzotti, written by Nick Robinson and Peta Ayers, scored by Hylton Mowday. Executive producers: David Gross, Electra Manikakis, Nick Robinson. Cast: Sil-*



America's Arctic (Image not provided by producer.)

via Earl. Release: October.

"Join BBC Earth on an adventure into the unknown as we reveal new stories, new science and new wildlife spectacles in a world finally revealing its secrets.

"The Earth's oceans are home to a complex system of submarine rivers, a vast network of currents that continuously pump water around the globe. Together these currents form a vital planetary life support system that has regulated the Earth's climate, atmosphere, weather, and biological diversity for millions of years. Come with us as we go with the flow of the fascinating East Australian Current; hitch a ride with humpback whales and immerse yourself in the microscopic world of plankton. Learn how the ocean and its currents make all life possible on Earth and what we can all do to protect our planet's blue heart."

(see **FILMS** on page 14)





\* New listing.

All films are 3D unless noted; underlined titles are 2D. Updated information is printed in **bold**. Unless noted, all films run about 40 minutes.

#### Dinosaurs of Antarctica

Giant Screen Films; distributor: Giant Screen Films; director: David Clark; producers: Don Kempf, Deborah Raksany, Andy Wood; DP: Reed Smoot; script: Deborah Raksany, Andy Wood; score: Cody Westheimer. Cast: Libby Ives, Dr. Patty Ryberg, Dr. Nathan Smith. Release: Feb. 14.

#### Into America's Wild

MacGillivray Freeman Films; distributor: MacGillivray Freeman Films; director: Greg MacGillivray; producer: Shaun MacGillivray; DP Brad Ohlund; script: Steve Judson; score: H. Scott Salinas. Executive producer: Tom Garzilli. Cast: Ariel Tweto, John Herington, Jennifer Pharr Davis, Emma Faye Rudkin, Shaun Martin. Narrator: Morgan Freeman. Release: Feb. 14.

– Will be released internationally as *Into Nature's Wild*.

– Post production is under way.

#### Sea Lions: Life by a Whisker

Definition Films; distributor: K2 Studios; directors: Amelia McCarten, Paul Phelan; producers: David Gross, Sarah Beard; DPs: Jonathan Shaw ACS, Cam Batten, Tim Nagle, Matty Ower; script: Amelia McCarten, Paul Phelan; score: Michael Lira. Executive producers: John Maynard, Andrew Mason, Bernard Gross, Mark Kresser, Bob Kresser, Ed Capelle, Phil Hunt, Compton Ross. Cast: Dirk Holman. Release: Feb. 15.

– Filmed recently in California and South Australia.

– Principal photography is complete, post production is under way.

#### Ancient Caves

Oceanic Research Group; distributor: MacGillivray Freeman Film Distribution; director, DP: Jonathan Bird; producers: Jonathan Bird, Art Cohen; script: Art Cohen, Jonathan Bird; score: Bruce Zimmerman; executive producers: Christine Bird, Mike Day, Dave Duszynsky, Robin Doty. Cast: Dr. Gina Moseley, Dr. Larry Edwards, Brian Kakuk, Todd Kelly, Dr. Keith Tinker. Narrator: Bryan Cranston. Release: March 13.

– All photography is complete, post production is under way.

– November: Recorded score with City of Prague Philharmonic Orchestra.

Jan '20

Jul '20

DOA  
IAW  
SeaLi

AncCa

TrainT  
AstHun

DinDan

Tenet

Mars  
Snow  
Tiger

Angkor  
OceCur  
AmArct

– World premiere will be held in St. Paul, MN, in March.

#### Train Time

Stephen Low Company; distributor: Stephen Low Company; director, script: Stephen Low; producers: Pietro Serapiglia, Stephen Low; executive producer: Paul Globus. 2D. Release: April 15.

– Principal photography is complete, post production is under way.

#### Asteroid Hunters (formerly Asteroid Impact)

Imax Corporation, Huahuang Pictures; distributor: Imax Corporation; director: W.D. Hogan; producers: Jini Durr, Phil Groves; DP: Sean MacLeod Phillips; script: Phil Groves; executive producers: Anna Chi, Phil Groves. Cast: Marina Brozovic, Mark B. Boslough, Kelly Fast, Nahum Melamed. Release: April 17.

– Principal photography is complete, post production is under way.

#### Dino Dana: The Movie

Sinking Ship Entertainment; distributor: Sinking Ship Entertainment; director: J.J. Johnson; producers: Eric Beldowski, Blair Powers, Christin Simms, Matthew J.R. Bishop; DP: George Lajtai CSC; script: J.J. Johnson, Christin Simms; score: Michael-Paul Ella. Executive producers: J.J. Johnson, Blair Powers, Christin Simms, Matthew J.R. Bishop. Cast: Michaela Luci, Saara Chaudry, Nicola Correia-Damude, Amish Patel. 2D. 30 minutes. Release: June.

– A shorter version is being prepared.

#### Tenet

Syncopy; distributor: Warner Bros.; director, writer: Christopher Nolan; producers: Christopher Nolan, Emma Thomas; DP: Hoyte Van Hoytema; score: Ludwig Göransson; executive producer: Thomas Hayslip. Cast: John David Washington, Michael Caine, Kenneth Branagh, Robert Pattinson. 2D. Release: July 17.

– Principal photography continues.

#### Mars 1001

Mirage 3D; distributor: K2 Studios; director, writer: Robin Sip; DP: Christiaan Wouda; score: Mark Slater. Cast: Miles O'Brien. Release: September.

#### Snow (wt)

Saint Thomas Productions, nWave Pictures; distributor: nWave Pictures Distribution; directors: Jacqueline Farmer, Cyril Barbançon; producers: Jacqueline Farmer, Cyril Barbançon, Eric Dillens; DP: Cyril Barbançon; script: Jacqueline Farmer, Cyril Barbançon, Philippe Chappuis, Andy Byatt; executive producers: Jacqueline Farmer, Cyril Barbançon, Eric Dillens. Release: September.

#### Tiger, Tiger \*

Tiger, Tiger will take audiences into the ancient, threatened kingdom of the Royal Bengal Tiger of the Sundarbans, at the southernmost edge of the Bengal Delta.

White Mountain Films, Kennedy/Marshall Company, Imax Corporation; distributor: Imax Corporation; director: George Butler; producers: George Butler, Keero Birla, Caroline Alexander; DPs: Reed Smoot, Tom Hurwitz; script: Caroline Alexander; score: Mark Kilian. Executive producers: Julian Robertson, Frank Marshall. Cast: Dr. Alan Rabinowitz. 2D. Release: September.

– Principal photography is complete, post production is under way.

#### Angkor: Lost Empire of Cambodia (wt)

Definition Films, Helio Projects Asia; distributor: K2 Studios; director: Murray Pope; producers: Christopher Zaryc, David Gross, Murray Pope; DP: Earle Dresner; script: Murray Pope, Paul Phelan; executive producers: Ed Capelle, Mark Kresser, Nick Robinson, Kulikar Sotho, John Weiley. Release: October.

– Principal photography is complete, post production is under way.

#### Ocean Currents (wt)

Wild Pacific Media, Definition Films; distributor: K2 Studios; director: Nick Robinson; producers: Nick Robinson, Electra Manikakis, Peta Ayers; DP: Nick Robinson, Jonathan Shaw ACS, Caspar Mazzotti; script: Nick Robinson, Peta Ayers; score: Hylton Mowday. Executive producers: David Gross, Electra Manikakis, Nick Robinson. Cast: Silvia Earl. Release: October.

#### America's Arctic \*

The first cinematic exploration of the little-known Arctic National Wildlife Refuge.

Terra Mater Factual Studios; distributor: Cosmic Picture Distribution; directors: Myles Connolly, Florian Schulz; DP: Florian Schulz; script: Myles Connolly, Florian Schulz. Release: Fall.

#### Antarctica: Into the Unknown

BBC Studios Natural History Unit; distributor: SK Films; director: Fredi Devas; producers: Jonny Keeling, Myles Connolly; script: Fredi Devas, Jonny Keeling; score: Jacob Shea; executive producer: Jonathan Williams. Release: Fall.

#### Artemis: Beginning of a New Era (wt) \*

Focuses on the Orion/SLS programs as space agencies build new technologies that will power us to new planets.

Afterglow Studios; distributor: tba; director: Luke Ployhar, producers: Luke Ployhar, Ashley Jahnke; Script: Scott Pearson. Release: Fall.

#### Formula E: Racing to the Future \*

A look at the world's premiere electric auto racing series. Producer/distributor: tba; director, DP: Peter Chang. Release: late 2020.

#### Ireland

MacGillivray Freeman Films; distributor: MacGillivray Freeman Films; director: Greg MacGillivray; producer: Shaun MacGillivray. Release: March 17, 2021.

– Principal photography is complete, post production is under way.

#### Blue Whales

Oceanic Films; distributor: tba; director: Hugh Pearson; producers: Hugh Pearson, Myles Connolly; DP: Hector Skevington-Postles; writers: Hugh Pearson, Myles Connolly. Cast: Diane Gendron. Release: March 2021.

#### Serengeti

K2 Studios; distributor: K2 Studios; director: Michael Dalton-Smith; producers: Michael Dalton-Smith, David

ITU  
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FormE

Ireland  
BluWha  
SerengSOTS  
WOW

CoolCi

EIU

FireFi  
JTTGMR  
SharkHe

Gross; script: Michael Dalton-Smith, Karen Gordon. Executive producers: David Gross, Mark Kresser, Michael Dalton-Smith. Release: March 2021.

### Secrets of the Sea

Howard Hall Productions, Oceanic Research Group; distributor: tba; directors: Howard Hall, Jonathan Bird; producers: Michele Hall, Christine Bird; DPs: Howard Hall, Jonathan Bird; script: Howard Hall; score: Bruce Zimmerman, Alan Williams; executive producers: Michele Hall, Christine Bird. Release: Spring 2021.

– Shooting planned for Indonesia and the Bahamas this spring.

### Wings Over Water (formerly Wings 3D)

Dorsey Pictures, Archipelago Films; distributor: SK Films; directors, script: Andrew Young, Susan Todd; DPs: Andrew Young, Michael Male, Neil Rettig; executive producer: Chris Dorsey. Release: Spring 2021

– December: In Bosque del Apache, NM, filming sandhill cranes, in Arkansas shooting wintering mallard grounds.  
– January: North Dakota to film snow aerials, landscapes, and bison. Filming tiger salamanders below

the ice.  
– February: Filming yellow warblers in Costa Rica.

### Cool Cities (wt)

K2 Studios; distributor: K2 Studios; director: Nick Robinson; producer: David Gross; executive producers: Robert Kresser, Mark Kresser, Mark Krenzien, David Gross. Cast: Tim Jarvis. Release: May 2021.

### Einstein's Incredible Universe (wt)

Cosmic Picture; distributor: tba; director: Daniel Ferguson; producers: Taran Davies, George Duffield, Daniel Ferguson; script: Daniel Ferguson, Mose Richards; DP: Reed Smoot. Release: Fall 2021.

### Fire Fighters

Sean Casey Productions; distributor: tba; director, DP: Sean Casey. 2D. Release: 2021.

– Shooting in Southern California began last fall and will continue through January.  
– Shooting will resume in summer.

### Journey to the Great Mayan Reef

Milbrand Cinema; distributor: tba; director, producer, DP: Lance Milbrand; editor: Dave Choice; score:

Icarus Music. Cast: Kathleen Dudzinski, Eldon Bolton. Release: 2021.

### Shark Heroes (wt)

Definition Films; distributor: K2 Studios; director, writer: Amelia McCarten; producer: David Gross; DP: Jonathan Shaw ACS; executive producer: Mark Kresser. Release: 2021.

### DMR FILMS:

Title	Dist	Release
Birds of Prey	WB	2/2/20
Onward	WDP	3/6/20
A Quiet Place Part II	PAR	3/20/20
Mulan	WDP	3/27/20
Beastie Boys Story	Poly	4/3/20
No Time to Die	MGM	4/10/20
Fast & Furious 9	UP	5/22/20
Wonder Woman 1984	WB	6/5/20
Top Gun: Maverick	PAR	6/26/20
The King's Man	FOX	9/18/20
Avatar 2	FOX	12/17/21



DP Reed Smoot filming in India's Sundarbans National Park for Tiger, Tiger from White Mountain Films.





Antarctica: Into the Unknown

(from FILMS on page 11)

### America's Arctic

*Produced by Terra Mater Factual Studios, distributed by Cosmic Picture Distribution. Directed and written by Myles Connolly and Florian Schulz, photographed by Florian Schulz. Release: Fall.*

"America's Arctic is a journey of discovery in the last great wilderness of America. Featuring National Geographic photographer Florian Schulz and his young family, the film will take viewers on an epic adventure as they explore the Arctic National Wildlife Refuge through all four seasons. Filmed over a period of five years, audiences will see this remarkable landscape in ways they can't any other way. From the Aurora Borealis to migrating Caribou herds 200,000 strong, traveling from the sea to the sky, the film will be a mix of beauty, wonder, adventure, and

science that inspires everyone who sees it."

### Antarctica: Into the Unknown

*BBC Studios Natural History Unit, distributed by SK Films. Directed by Fredi Devas, produced by Jonny Keeling and Myles Connolly, written by Fredi Devas and Jonny Keeling, scored by Jacob Shea. Executive producer: Jonathan Williams. Release: Fall.*

"Antarctica is the coldest, driest, highest, windiest continent on the planet and is surrounded by the wildest ocean on Earth. Only discovered 200 years ago, much of it remains unexplored. Now a series of expeditions ventures from the ocean depths, beneath the sea ice, to the tops of mountains near the South Pole to discover new wildlife wonders, including the biggest group of great whales ever filmed.

"Antarctica is a changing continent and scientific research is now showing us that what happens in this remote region affects every single one of us, no matter where we live."



Artemis: Beginning of a New Era

### Artemis: Beginning of a New Era (wt)

*Produced by Afterglow Studios, distributor TBD. Directed by Luke Ployhar, produced by Luke Ployhar and Ashley Jahnke, script by Scott Pearson. Release: Fall*  
Artemis-Beginning of a New Era (working title) is a new film from Afterglow Studios and producer/director Luke Ployhar (*Space Next*, *Touch the Stars*). Immersing viewers on a journey of what it takes to build our next generation spacecraft that will take us to the Moon and Mars. Focusing on the Orion/SLS programs and documenting engineering marvels as space agencies build new technologies that will power us to new planets. The film will contain live-action sequences of spacecraft launches, safety tests, engineer-



Formula E: Racing to the Future (Image not provided by producer.)

ing accomplishments, and the men and women that are behind it all. Filmed in stunning 4K, 6K, and 8K resolutions to show these marvels in the only way a viewer can feel the magnitude of these achievements. The Artemis Space Program is humankind's next giant leap into space, and the launch of the SLS/Orion will be the biggest event since the Apollo missions 50 years ago. Experience it! Includes extensive bonus materials for educators, an interactive video game and learning guide, a VR experience, and an AR experience.

**Formula E: Racing to the Future \***  
*Producer/distributor: tbd. Directed and photographed by Peter Chang. Release: late 2020.*

A look at the world's premiere electric auto racing series.





Left: Junk found on or near a movie screen during a cleaning.  
Right: Typical dust build-up.

(from **CLEANING** on page 3)

Quaranto generally charges around \$100 for a multiplex screen and can clean 15 to 20 of them per night. For IMAX screens, which require up to eight hours of work, prices start at \$5,000 for North American theaters; international rates are based on distance and other factors.

Though they work with small crews of trusted workers, Quaranto or Brown are on scene for every cleaning.

For smaller screens (up to 30 feet in height), Quaranto is able to work from the ground using aluminum extension poles fitted with towels, all custom-made. For larger screens (up to 100 feet/30 meters tall), he uses a specially engineered machine rigged up to a series of pulleys — each connected to cleaning heads made of wax-coated lamb's wool — that sweep in even vertical movements across the screen.

Oftentimes, in the dead of night in an empty theater in some unfamiliar town, Quaranto, now 42, wonders why he left a career as a pilot behind to clean screens. "It's very lonely, dirty work," he says. "You go to the theater, introduce yourself to the closing manager, and that's your human interaction for the night."

### The filth he's seen

In the course of his work, Quaranto has found nearly everything stuck to a movie screen, from gummy bears to spit wads. "You'll find anything

you can get from the concession stand: nacho cheese, popcorn, soft drinks," says Quaranto. "One time, I even found a used diaper wedged in there."

Mostly though, Quaranto and his crew find *lots* of dust, sometimes, up to a quarter-inch-thick layer. This dust, claims Quaranto, can reduce a screen's brightness by up to 50% over time, causing the theater to ratchet up the power output on projector bulbs.

Part of the blame for this filth falls on the way operators tend to clean their theaters.

"A lot of janitors have found out the fastest way to clean a theater is with a leaf

blower," says Quaranto. "They'll plug one into a 100-foot extension cord, start at the back, and blow all the trash — popcorn, soda cups, candy — to the front, all over the screen."

But the main culprit is neglect.

Though Quaranto is the go-to man in the screen cleaning business, he says he only cleans about 10% of the multiplex screens in the U.S. and an even smaller percentage of the world's IMAX screens.

Many still choose not to clean their screens at all or, worse yet, pass on the task to the same general maintenance crew.

"It's very easy to damage some of the newer screens," says Quaranto. "[Cleaning] can't be done effectively by the same guy who cleans the toilets."

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Partially cleaned dome shows the amount of dirt that can be removed.

(from **SHORTS** on page 24)

employers to give employees before they are terminated) despite language in the contract that canceled unvested shares on termination.

After O'Reilly was fired without cause from his position as president of strategic sales in January 2016, he successfully sued Imax for wrongful dismissal and was awarded 24 months of compensation. However Imax claimed on appeal that this didn't include stock options that would have vested during the notice period because of language in the plan that stated

that the shares would be canceled on termination. The appeal judge ruled that the language did "not establish, in unambiguous terms, when the date of termination is, or when employment terminates," upholding O'Reilly's claim. The amount at issue is nearly US\$270,000.

In February 2018 O'Reilly was named CEO of **ARHT Media**, a Toronto-based provider of "telepresence technology... that creates a sense of presence for audiences — as though the...presenter was actually live in the room."

### Beijing Film Festival seeks entries

The 10<sup>th</sup> **Beijing International Film Festival** is seeking entries in the "Science and Technology" section, which will be hosted by the **China Science and Technology Museum**. Giant-screen, dome, 4D, and simulation films are eligible for this section of the festival, which will be held April 19-26, 2020. The deadline for submissions is Feb. 15. Selected films will be screened from April 4 to May 5 in the museum's two IMAX theaters, an IMAX 15/70 GT 3D theater and an IMAX Dome. For more info, visit [bjiff.com](http://bjiff.com).

# Bookings: Jan.-Feb. 2020 by Film

## 712 bookings of 92 films in 165 theaters

These listings do not include Hollywood films shown in multiplex IMAX theaters. Those films are listed when they are shown in non-multiplex theaters, and conversely, non-Hollywood giant-screen films showing on multiplex IMAX screens are also listed.

Listings shown in **bold face** below are new or updated listings. The rest are unchanged from the previous

month's issue.

The data on the following pages are *not* warranted to be comprehensive or accurate in every detail, despite our best efforts to make them so. They have been compiled from theater surveys, distributors, the Web, and other sources.

We will make every effort to improve the thorough-

ness, and accuracy of these data. If your theater or film is not shown here, please get in touch with us to update our listings.

Where a date is not shown, it means that no date was provided by the source or, in the case of a closing date, that no date has been set, or that the run is indefinite.

**The key to film abbreviations is on page 21.**

Film	Theater	Open	Close	Film	Theater	Open	Close	Film	Theater	Open	Close
A11FSE	Atlanta FMNH	6/1/19	5/30/20	AMJ	London BFI Ode	3/29/19	3/31/20	Bugs	Toronto OP	2/15/20	2/14/21
	Austin TSHM	9/1/19	8/30/20		Nonwalk MA	5/17/19	5/16/20		Victoria DCI	11/22/19	11/21/20
	Baton Rouge LASM	7/6/19	7/5/20		Orlando SC	2/24/18	6/30/20		Columbus COSI	9/15/14	6/30/20
	Birmingham AL	5/19/19	5/18/20		Peoria RM	6/20/18	6/30/20		Davenport Put	10/1/12	4/28/20
	<b>Bradford</b>	<b>5/17/19</b>	<b>8/31/20</b>		Pittsburgh CSC	11/17/17	12/31/20		Edmonton TWS	6/30/18	6/30/20
	Branson	6/14/19	6/13/20		Portland OMSI ET	2/16/18	2/16/20		San Diego RHF	7/1/14	6/30/20
	Chantilly	5/17/19	5/17/20		Richmond SMV	5/1/18	6/30/20		<b>Chattanooga TA</b>	<b>11/1/19</b>	<b>11/1/20</b>
	Chattanooga TA	6/14/19	6/13/20		Sacramento Imx	9/8/17	6/30/20		<b>San Diego NHM</b>	<b>1/3/20</b>	<b>2/28/20</b>
	Chicago MSI	5/24/19	5/23/20		Seattle PSC 2	11/10/17			Victoria DCI	8/18/17	5/14/21
	Cincinnati MC	9/28/19	9/27/20		Sioux Falls	12/2/17	5/31/20		Fort Worth	6/10/17	9/30/20
	Cleveland	5/18/19	5/17/20		Syracuse MOST	2/16/19	2/15/20		Aguascalientes	10/25/19	3/25/20
	Copenhagen TBP	6/12/19	6/11/20		Tallahassee CLC	4/28/17	6/30/20		Boston MOS	2/15/19	2/29/20
	Davenport Put	7/13/19	7/12/20		Toronto OSC	10/6/17	6/30/20		Charlotte DP	9/1/19	9/1/20
	Dayton	5/25/19	5/24/20		Vancouver TWS	12/22/17	6/30/20		Chicago MSI	3/1/19	3/31/20
	Dearborn THF	6/17/19	6/16/20		Victoria DCI	4/14/17	6/30/20		Edmonton TWS	2/1/19	2/28/20
	Denver MNS	5/17/19	5/16/20		<b>Aguascalientes</b>	<b>4/5/19</b>	<b>3/31/20</b>		Galveston	3/9/19	3/31/20
	Fort Worth	5/17/19	5/16/20		Austin Reg	3/1/19	6/1/20		Gatineau	2/1/19	2/28/20
	Garden City	5/21/19	5/20/20		Baton Rouge LASM	5/25/19	5/24/20		Hutchinson	2/15/19	2/28/20
	Hague	5/21/19	1/30/20		<b>Birmingham AL</b>	<b>1/17/20</b>	<b>5/31/20</b>		Lucerne STM	10/25/19	10/31/20
	Hampton VASC	6/15/19	6/14/20		Cleveland	3/23/18	3/31/20		Memphis Pink	9/19/19	9/17/21
	Huntsville USSRC	6/1/19	5/30/20		Dearborn THF	2/16/18	2/18/20		Pittsburgh CSC	11/1/19	10/31/20
	Hutchinson	5/17/19	5/16/20		Guayaquil	4/16/19	4/15/20		Saint Paul SMM	3/1/19	3/1/20
	Indianapolis Imx	7/12/19	7/11/20		Hartberg	4/6/19	4/15/20		Seattle PSC 2	6/14/19	6/30/20
	London SM	5/17/19	5/16/20		Kaputhala	6/15/18	6/14/20		Singapore DC	9/17/19	3/17/20
	<b>Los Angeles CSC</b>	<b>7/15/19</b>	<b>2/29/20</b>		Monterrey Pap	3/15/18	4/15/20		Tallahassee CLC	1/18/19	6/30/20
	<b>Lucerne STM</b>	<b>5/24/19</b>	<b>3/30/20</b>		Moscow Kin	4/15/18	4/16/20		Victoria DCI	3/29/19	3/31/20
	Melbourne MV	10/1/19	6/30/20		Nassau Fus	10/30/19	10/30/21		Gatineau	9/1/15	12/31/20
	Memphis Pink	5/25/19	5/24/21		Pensacola NAM	2/26/19	2/27/20		Hutchinson	12/31/17	1/31/20
	Nonwalk MA	5/17/19	5/16/20		Peoria RM	2/16/18	2/17/20		Peoria RM	4/2/15	2/28/20
	Orlando SC	7/1/19	6/30/20		Pittsburgh CSC	1/25/19	1/24/20		Pittsburgh CSC	2/19/19	2/18/20
	Osaka Sci	7/20/19	7/21/20		Shanghai 3D STM	7/24/19	7/23/20		Raleigh	5/23/14	2/28/20
	Pensacola NAM	5/17/19	5/16/20		Sioux Falls	2/1/19	5/30/20		San Jose Tech	5/15/19	6/30/20
	Peoria RM	5/25/19	5/24/20		Tallahassee CLC	2/16/18	2/28/20		Aguascalientes	4/13/19	4/30/20
	Philadelphia FI	5/17/19	5/17/20	AMMM	Lehi	9/6/19	9/5/20		Portland OMSI ET	1/26/18	1/31/20
	Phoenix ASC	5/17/19	5/16/20		London BFI Ode	9/1/18	2/6/20		<b>Salt Lake City Clark</b>	<b>2/14/20</b>	<b>2/13/21</b>
	Pittsburgh CSC	5/19/19	12/31/20		Melbourne MV	7/11/16			Gatineau	7/9/18	3/20/20
	Portland OMSI ET	5/17/19	5/16/20		Victoria DCI	4/16/18	4/15/21		<b>Speyer Dome</b>	<b>6/1/00</b>	<b>6/30/20</b>
	Raleigh	7/5/19	7/4/20		Portland OMSI ET	1/26/18	1/31/20		Baltimore MSC	2/17/17	3/1/20
	Sacramento Imx	7/12/19	7/1/20		Gatineau	4/24/18	3/30/20		<b>Birmingham AL</b>	<b>2/17/20</b>	<b>2/23/20</b>
	<b>Saint Louis SC</b>	<b>2/14/20</b>	<b>2/13/21</b>		Atlanta FMNH	1/1/18	1/10/20		<b>Bradford</b>	<b>1/1/18</b>	<b>8/31/20</b>
	Saint Paul SMM	5/17/19	5/11/20		Garden City	5/19/17	6/18/20		Chantilly	2/17/17	2/16/20
	Salt Lake City Clark	6/22/19	6/21/20		Kolkata SC	1/1/19	12/31/20		Cleveland	3/17/17	3/31/20
	San Jose Tech	5/17/19	5/16/20		Baltimore MSC	3/1/19	6/30/20		Davenport Put	2/24/17	3/31/20
	Seattle PSC 2	5/31/19	7/18/20		Beijing 3D CSTM	11/1/19	8/5/20		Dearborn THF	2/17/17	7/1/20
	Shreveport	7/4/19	7/3/20		Chattanooga TA	3/16/18	6/30/20		Edmonton TWS	3/25/17	2/18/20
	Sinsheim	5/17/19	5/16/20		Dearborn THF	8/1/18	2/29/20		Fort Lauderdale	2/17/17	6/6/20
	Speyer Dome	5/17/19	5/16/20		Edmonton TWS	11/8/19	11/7/20		Fort Worth	2/17/17	6/30/20
	Tallahassee CLC	7/11/19	7/1/20		Fort Lauderdale	6/1/18	4/24/20		Grand Rapids Cel	7/15/17	7/31/20
	Tijuana	12/2/19	12/1/20		Gatineau	6/1/18	3/31/20		Hampton VASC	2/17/17	6/14/20
	Toronto OSC	5/17/19	11/16/20		Guangzhou GSC	5/1/19	5/1/20		Harrisburg	2/18/17	3/11/20
	<b>Toulouse CDE</b>	<b>6/1/19</b>	<b>2/29/20</b>		Guayaquil	4/3/19	3/31/20		Houston MNS	2/17/17	1/7/21
	Valencia Spn	7/1/19	6/30/20		Hague	2/12/19	2/11/20		Indianapolis Imx	1/17/19	1/16/20
	Vancouver TWS	11/23/19	11/22/20		Kuwait SCK	8/10/19	2/10/20		Jersey City	2/17/17	11/15/20
	Victoria DCI	9/20/19	9/19/20		Lehi	5/24/18	5/24/20		Kuwait SCK	6/25/17	8/31/20
	Washington NASM	5/17/19	5/17/20		Los Angeles CSC	9/28/19	4/1/20		Lansing Cel	6/30/17	7/31/20
	Yellowstone	5/17/19	5/16/20		Louisville KSC	3/23/18	6/30/20		Louisville KSC	2/17/17	2/28/20
ACGOTS	Corpus Christi Lex	6/17/16			Nonwalk MA	3/24/18	6/30/20		Milwaukee	7/10/17	6/30/21
	Pensacola NAM	5/26/17	6/30/20		Omaha Zoo	11/1/18	6/30/20		Monterrey Pap	2/2/18	4/15/20
	Toronto OP	6/1/18	6/1/20	AOTC	Orlando SC	11/1/18	6/30/20		Moscow Kin	9/10/17	6/2/20
AfricAdv	Victoria DCI	5/3/19	5/31/20		Pittsburgh CSC	8/31/18	12/31/20		Nassau Fus	10/30/19	10/30/21
	Washington NASM	5/26/17	5/25/20		Portland OMSI ET	9/7/18	6/30/20		Peoria RM	2/18/17	6/1/20
	Katowice CC		9/30/20		Raleigh	6/4/18	6/30/20		<b>Philadelphia FI</b>	<b>3/1/18</b>	<b>3/31/20</b>
	Krakow CC		9/30/20		Saint Augustine	8/17/19	8/16/20		Pittsburgh CSC	11/17/17	12/31/20
	Lodz CC		9/30/20		Saint Louis SC	1/26/20	1/25/21		Port of Spain	5/3/19	5/2/20
	<b>Lucerne STM</b>	<b>1/1/20</b>	<b>8/31/20</b>		Shanghai 3D STM	11/1/19	1/24/21		Portage Cel	6/30/17	7/31/20
	Poznan CC		9/30/20		Sioux Falls	2/1/19	5/31/20		<b>Richmond SMV</b>	<b>2/18/17</b>	<b>6/30/20</b>
	Warsaw CC		9/30/20		Sudbury	9/4/18	6/30/20		Saint Augustine	2/17/17	6/30/20
	Wroclaw CC		9/30/20		Taichung NMNS	7/1/19	6/30/20		<b>Saint Paul SMM</b>	<b>2/3/20</b>	<b>2/2/21</b>
AGWN	Boston NEA	7/1/19	2/15/20		Tallahassee CLC	10/18/18	6/30/20		Sioux Falls	6/2/17	5/30/20
	<b>Orlando SC</b>	<b>9/1/19</b>	<b>8/31/20</b>		Victoria DCI	1/18/19	6/30/20		Thessaloniki SCTM	10/28/17	10/11/20
	<b>Portland OMSI ET</b>	<b>3/1/19</b>	<b>11/30/20</b>	BFTB	<b>Atlanta FMNH</b>	<b>1/17/20</b>	<b>2/16/21</b>		Vancouver TWS	3/4/17	6/30/20
AirRacer	Shanghai 3D STM	1/1/19	1/1/20		<b>Cleveland</b>	<b>2/8/20</b>	<b>1/31/21</b>		<b>Victoria DCI</b>	<b>3/17/17</b>	<b>6/30/20</b>
	Tijuana	4/12/19	4/11/20		Davenport Put	11/1/19	10/31/20		Washington NASM	2/17/17	2/16/20
	Hutchinson	1/19/18	1/31/20		<b>Edmonton TWS</b>	<b>1/17/20</b>	<b>1/16/21</b>		Portland OMSI ET	6/13/19	6/14/21
AIWC	<b>Victoria DCI</b>	<b>8/30/12</b>	<b>2/27/20</b>		Fort Lauderdale	10/25/19	10/24/20	DSC	Gatineau	7/30/18	3/30/20
	Sacramento Imx	5/1/15	6/10/20		Hastings	10/25/19	10/24/20		Hague	9/1/19	
	Cleveland	1/9/18	6/30/20		Houston MNS	1/6/20	1/5/21		Kaputhala	6/15/18	6/14/20
AmazAdve	Denver MNS	1/16/20	6/30/20		Lubbock SS	12/6/19	12/2/20	ExpChesa	Baltimore MSC	10/1/19	9/30/21
	Edmonton TWS	1/19/18	6/30/20		Orlando SC	11/8/19	11/7/20		<b>Chattanooga TA</b>	<b>10/1/19</b>	<b>12/31/21</b>
	Glasgow	4/12/19	4/14/20		<b>Salt Lake City Clark</b>	<b>11/16/19</b>	<b>5/22/20</b>		<b>Galveston</b>	<b>10/1/19</b>	<b>12/31/20</b>
	Indianapolis Imx	9/8/17	5/31/20		San Jose Tech	10/25/19	10/24/20		Harrisburg	3/20/19	12/31/21
	Kuwait SCK	6/14/18	3/31/20		Seattle PSC 2	12/20/19	12/19/21		Virginia Beach AMSC	9/3/19	10/12/21

Film	Theater	Open	Close	Film	Theater	Open	Close	Film	Theater	Open	Close
ExtrWeat	Baltimore MSC	3/1/19	6/30/21	GC	Saint Louis SC	11/29/19	11/28/20	MA	Davenport Put	7/1/16	10/1/20
	Calgary TS	9/1/17	9/1/20		<b>San Jose Tech</b>	<b>2/11/20</b>	<b>2/11/21</b>		<b>Hutchinson</b>	<b>5/1/15</b>	<b>8/21</b>
	Davenport Put	10/15/16	10/14/20		Seattle PSC 2	5/3/19	5/2/20		McMinnville	4/10/15	5/30/21
	Edmonton TWS	6/2/17	6/1/20		Singapore SC	3/16/19	3/15/20		Washington NASM	4/10/15	
	Kansas City Sci	10/15/16	12/31/21		Sudbury	2/15/19	6/30/20		Albuquerque NMMNH	2/11/19	2/10/20
	Lodz CC	10/15/19	10/31/20		Tijuana	2/22/19	2/22/20		Atlanta FMNH	2/9/18	2/8/20
	Louisville KSC	10/14/19	10/14/21		Toronto OSC	2/15/19	2/14/20		Melbourne MV	1/30/17	1/28/20
	Melbourne MV	4/1/19	3/31/20		Vancouver TWS	2/15/19	2/14/20		San Diego NHM	1/1/20	12/31/20
	Memphis Pink	3/24/17	8/31/21		Victoria DCI	2/15/19	2/14/20		Tallahassee CLC	8/14/18	8/13/20
	Peoria RM	10/15/16	10/21/21		Yellowstone	5/17/19	5/16/20		Victoria DCI	11/24/17	4/15/21
	Pittsburgh CSC	11/17/17	12/31/20		Grand Canyon DCI	11/1/99	12/20		Hutchinson	11/22/19	11/21/20
	Raleigh	10/17/16	10/15/21		Grand Rapids Cel	9/1/18	7/31/20		Raleigh	1/10/20	1/10/21
	Sacramento Imx	2/24/17	10/14/20		Lansing Cel	5/1/19	7/31/20		<b>Seattle PSC 2</b>	<b>11/4/19</b>	<b>11/4/20</b>
	Saint Augustine	10/15/16	10/30/20		Portage Cel	9/1/18	7/31/20		Victoria DCI	2/20/20	2/20/22
	<b>Saint Louis SC</b>	<b>1/13/17</b>	<b>12/11/21</b>	GlobSoun	<b>Richmond SMV</b>	<b>6/1/16</b>	<b>6/30/20</b>	Meerkats	Davenport Put	6/1/17	5/31/20
FlyMons	Salt Lake City Clark	10/24/16	11/18/21		Charlotte DP	11/1/17	10/1/20		Parker	12/1/19	11/30/20
	San Jose Tech	10/15/16	10/30/21		Des Moines	10/1/16	9/1/20		Sioux Falls	6/1/18	12/31/20
	Sioux Falls	2/1/17	3/31/20		Edmonton TWS	10/1/16	6/4/20		Kansas City Sci	10/24/19	4/30/20
	Tallahassee CLC	5/19/17	5/1/20		Mobile	10/18/17	10/31/20		Memphis Pink	2/9/19	5/22/20
	Wroclaw CC	10/15/19	10/31/20		Seattle PSC 1	10/1/16	12/31/20		Mobile	1/25/19	1/31/20
	Davenport Put	3/27/14	6/1/20		Vancouver TWS	10/1/16	2/5/20		Tallahassee CLC	5/1/19	11/1/20
	Kenner	6/4/16	6/3/21	GWS	Gatineau	10/7/16	3/31/20		Victoria DCI	8/30/19	9/15/20
	Killeen	9/15/17	9/15/20		San Jose Tech	10/31/18	1/31/20	MOF	Pensacola NAM	11/8/96	
	Hague	10/4/12	10/3/20		Syracuse MOST	6/1/19	6/1/20		<b>Speyer Dome</b>		<b>12/31/20</b>
	Harrisburg	2/28/19	2/27/21		San Simeon DCI	7/1/96			Columbus COSI	11/21/14	12/31/20
	Louisville KSC	6/18/15	7/2/20		Alamogordo	6/28/19	6/30/20		Copenhagen TBP	6/19/14	6/18/20
	Melbourne MV	9/1/15	3/31/20		Boston NEA	6/28/19	6/30/20		Gatineau	1/15/16	3/31/20
	<b>Orlando SC</b>	<b>1/2/20</b>	<b>1/1/21</b>		Chicago MSI	5/24/19	5/31/20		<b>Hague</b>	<b>10/1/15</b>	<b>10/20</b>
	Portland OMSI ET	3/8/19	3/7/21		Lehi	6/28/19	6/30/20		Kuwait SCK	1/30/14	8/31/20
	Raleigh	2/1/12	10/21		Mobile	10/24/19	10/31/20		Parker	1/30/19	1/29/20
	San Diego RHF	11/14	4/20		New Orleans	5/9/19	5/31/20		Pittsburgh CSC	11/17/17	12/31/20
	Austin TSHM	1/11/13	3/31/20		Peoria RM	11/1/19	10/31/20		<b>Raleigh</b>	<b>11/1/15</b>	<b>10/15/21</b>
FON	<b>Austin TSHM</b>	<b>10/1/16</b>	<b>10/31/20</b>		Seattle PSC 2	10/4/19	10/31/20		San Diego RHF	11/8/13	4/3/20
	Baton Rouge LASM	9/1/15	6/30/20	HidUniv	Glasgow		2/28/20		Tallahassee CLC	3/17	3/20
	Columbus COSI	2/5/20	5/22/20		Grand Rapids Cel	5/2/19	7/31/20	MounQues	Victoria DCI	10/9/15	12/31/20
	Davenport Put	2/15/13	6/30/20		Lansing Cel	7/1/18	7/31/20		Louisville KSC	6/14/19	6/13/20
	Dearborn THF	2/8/17	1/31/20		Port of Spain	10/3/19	10/2/20		<b>Victoria DCI</b>	<b>1/24/20</b>	<b>2/27/20</b>
	Edmonton TWS	12/26/13	6/30/20		Portage Cel	5/2/19	7/31/20		Baton Rouge LASM	3/1/17	3/31/21
	Gatineau	10/5/12	6/30/20		Tallahassee CLC	2/1/19	2/28/20		Peoria RM	10/16/18	10/31/20
	Harrisburg	2/2/14	6/30/20	HOTB	<b>New Orleans</b>	<b>9/15/15</b>	<b>12/31/20</b>		Phoenix ASC	2/6/19	2/28/20
	Hastings	3/17/13	6/30/20		Berlin CS	6/3/19	6/3/20	ND	New Delhi ICC		
	Houston MNS	10/4/12	12/31/20		Cincinnati MC	2/1/19	2/1/21		Niagara Can DCI	7/1/86	
	Lehi	1/19/19	9/19/20		Edmonton TWS	10/2/15			Niagara NY DCI	5/1/07	
	London BFI Ode	9/6/13	6/30/20		Grand Rapids Cel	9/1/18	7/31/20		Boston MOS	2/12/16	1/6/20
	Louisville KSC	9/30/12	6/30/20		Hangzhou LCSTM	6/1/19	5/31/20		Branson	3/18/16	4/12/20
	Melbourne MV	3/21/13	9/13/20		Hyderabad	12/10/18	12/11/20		Carnival Horizon	4/1/18	10/6/20
	Memphis Pink	3/1/14	5/31/20		Indianapolis Imx	8/17/16	10/29/20		Carnival Vista	11/4/16	6/6/20
	Portland OMSI ET	1/7/14	6/30/20		Lansing Cel	6/1/19	7/31/20		Chattanooga TA	2/12/16	4/1/20
	Raleigh	10/19/17	6/30/20		<b>Lucerne STM</b>	<b>10/6/16</b>	<b>12/31/20</b>		Cincinnati MC	1/1/19	2/1/21
	Richmond SMV	5/1/13	6/30/20		Pittsburgh CSC	6/17/16	12/31/20		Cleveland	7/1/17	3/31/20
	Sacramento Imx	8/13/13	6/30/20		Portage Cel	9/1/18	7/31/20		Columbus COSI	3/8/18	9/3/20
	Saint Augustine	1/18/13	12/31/20		<b>Richmond SMV</b>	<b>3/14/15</b>	<b>12/31/20</b>		Dearborn THF	3/25/16	7/1/20
	San Diego RHF	10/12/12	6/30/20		Sacramento Imx	8/19/16	10/29/20		<b>Dongguan STM</b>	<b>1/25/17</b>	<b>6/30/20</b>
G3DNW	Victoria DCI	4/5/13	6/30/20	Hurrican	Tallahassee CLC	1/1/19	2/28/20		Edmonton TWS	2/12/16	10/22/20
	Budapest CC	9/19/19	9/19/20		<b>Toronto OSC</b>	<b>1/1/20</b>	<b>6/30/20</b>		Fort Worth	2/12/16	6/30/20
	Davenport Put	1/29/19	10/20/20		<b>Victoria DCI</b>	<b>6/19/15</b>	<b>12/31/20</b>		Grand Rapids Cel	10/1/18	7/31/20
	Fort Lauderdale	9/26/19	6/25/20		Monterrey Pap	6/29/19	1/10/20		Harrisburg	7/1/16	7/2/20
	Katowice CC	6/18/14	9/30/20		Nassau Fus	10/1/19	9/30/21		Hartberg	6/1/19	6/1/21
	Krakow CC	6/18/14	9/30/20	IAW	<b>Chantilly</b>	<b>2/14/20</b>	<b>2/13/21</b>		Lansing Cel	10/1/18	7/31/20
	Lodz CC	6/18/14	9/30/20		<b>Denver MNS</b>	<b>2/14/20</b>	<b>2/13/21</b>		London BFI Ode	2/12/16	7/31/20
	<b>Lucerne STM</b>	<b>1/1/20</b>	<b>8/31/20</b>		<b>Harrisburg</b>	<b>2/20/20</b>	<b>2/19/21</b>		Moscow Kin	9/17/16	11/30/21
	Melbourne MV	4/11/19	4/10/20		<b>Houston MNS</b>	<b>2/19/20</b>	<b>2/18/21</b>		Pittsburgh CSC	2/12/16	12/31/20
	Moscow Kin	10/6/14	5/5/21		<b>Peoria RM</b>	<b>2/28/20</b>	<b>2/27/21</b>		Portage Cel	10/1/18	7/31/20
	Poznan CC	6/18/14	9/30/20		Regina	2/14/20	2/13/21		<b>Raleigh</b>	<b>2/27/16</b>	<b>12/31/20</b>
	<b>Prague CC</b>	<b>5/22/14</b>	<b>12/31/21</b>		Sioux Falls	2/17/20	2/16/21		<b>Richmond SMV</b>	<b>4/10/16</b>	<b>12/31/20</b>
	Warsaw CC	6/18/14	9/30/20		<b>Vancouver TWS</b>	<b>2/29/20</b>	<b>2/28/21</b>		<b>Rochester MSC</b>	<b>8/2/19</b>	<b>3/30/20</b>
	Wroclaw CC	10/4/17	9/30/20		<b>Washington NASM</b>	<b>2/14/20</b>	<b>2/13/21</b>		Sacramento Imx	2/19/16	3/25/20
GBR3D	Alexandria BA	1/30/19	1/29/20	ISR	Albuquerque NMMNH	9/1/19	8/31/20		Sinshiem	3/4/16	7/31/20
	Chattanooga TA	5/24/19	5/23/20		Dearborn THF	7/1/19	6/30/20		Vancouver TWS	2/12/16	6/30/20
	Edmonton TWS	7/1/18	9/14/20		<b>Hastings</b>	<b>9/1/19</b>	<b>12/31/20</b>	OOBP	Athens Eug	3/1/19	3/31/20
	Houston MNS	3/8/19	3/15/21		<b>Austin TSHM</b>		<b>3/31/21</b>		Garza Garcia	10/30/19	2/29/20
	Milwaukee	3/30/19	6/30/20		Edmonton TWS	12/26/13	6/30/20		New York AMNH	7/1/19	1/5/20
	Norwalk MA	12/14/19	9/7/20		Fort Worth	3/21/16	10/24/22		Portland OMSI ET	4/20/18	4/30/20
	Port of Spain	1/30/19	1/29/20		Galveston	11/1/19	4/30/20		Stockholm	2/22/19	2/21/20
	Saint Augustine	8/20/18	8/19/20		<b>Hague</b>	<b>3/31/14</b>	<b>6/30/20</b>		Sudbury	3/9/19	6/30/20
	Atlanta FMNH	5/3/19	4/30/20		Jersey City	9/1/18	8/31/20		Tallahassee CLC	6/7/19	12/31/20
	Beijing 3D CSTM	5/2/19	5/5/20		Louisville KSC	1/20/14	7/20/20		Virginia Beach AMSC	1/1/19	1/31/20
	Boston MOS	7/5/19	1/6/20		McMinnville	9/27/13	11/30/20		Atlanta FMNH	1/31/19	2/1/20
	Calgary TS	10/18/19	4/18/20		Sacramento Imx	9/15/14	10/23/20	Penguins	Dearborn THF	10/1/19	9/30/20
	Cleveland	11/1/19	11/1/20		San Diego RHF	11/20/15	4/3/20		Pottiers Imax	2/9/19	2/8/20
	<b>Columbus COSI</b>	<b>2/29/20</b>	<b>6/10/20</b>		<b>Speyer Dome</b>	<b>12/12/13</b>	<b>12/12/20</b>		Sinshiem	3/28/19	3/27/20
	Edmonton TWS	9/15/19	9/14/20	JTM	Kuwait SCK	7/26/19	8/31/20		Valencia Spn	1/7/19	6/30/20
	Fort Lauderdale	2/15/19	2/14/20		Al Khobar	6/1/19	6/1/20		Aguaascalientes	10/1/19	3/27/20
	Fort Worth	7/26/19	7/25/20		Hampton VASC	2/21/15	2/20/20		Charleston CCAS	1/1/19	1/1/21
	Galveston	8/30/19	8/18/20		KSC 1	2/27/15			Louisville KSC	7/4/14	7/20/20
	Gatineau	7/2/19	7/1/20		Tallahassee CLC	6/22/18	6/21/21		Vantaa	1/27/17	1/26/20
	Hague	10/15/19	10/15/20		<b>Thessaloniki SCTM</b>	<b>12/14/18</b>	<b>12/31/20</b>		Bogota Mal	6/1/19	5/31/20
	Harrisburg	2/15/19	2/14/20		Washington NASM	3/6/15			Dearborn THF	3/25/16	1/31/20
	Houston MNS	11/8/19	11/7/20		Edmonton TWS	1/16/15			Hampton VASC	6/20/15	6/18/21
	Jersey City	3/15/19	3/14/20	JTTSP	<b>Norwalk MA</b>	<b>7/1/14</b>	<b>2/8/20</b>		Hutchinson	5/20/16	6/1/21
	Kansas City Sci	7/4/19	7/3/20		<b>Speyer Dome</b>	<b>5/25/17</b>	<b>12/31/20</b>		San Jose Tech	10/3/15	10/31/20
	Lubbock SS	10/18/19	10/17/20		Davenport Put		4/26/20	SeaLion	<b>Boston NEA</b>	<b>2/15/20</b>	<b>9/7/20</b>
	<b>Melbourne MV</b>	<b>1/1/20</b>	<b>12/31/20</b>		Fort Worth	9/1/03	12/31/23		<b>Victoria DCI</b>	<b>2/28/20</b>	<b>2/28/2</b>



## Jan.-Feb. 2020 by Theater

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Theater	Film	Open	Close	Theater	Film	Open	Close	Theater	Film	Open	Close
Columbus COSI	BFTB	2/8/20	1/31/21	Grand Canyon DCI	GC	11/1/99	12/20	Lehi	HumpbWha	6/1/19	7/31/20
	DreamBig	3/17/17	3/31/20	Grand Rapids Cel	DreamBig	7/15/17	7/31/20		NPA	10/1/18	7/31/20
	GBRF	11/1/19	11/1/20		GCA	9/1/18	7/31/20		TTA	6/1/18	7/31/20
	NPA	7/1/17	3/31/20		HidUniv	5/2/19	7/31/20		AMMM	9/6/19	9/5/20
	SupDogs	6/15/19	6/14/20		HumpbWha	9/1/18	7/31/20		BackWild	5/24/18	5/24/20
	Bugs	9/15/14	6/30/20		NPA	10/1/18	7/31/20		FOTB	1/19/19	9/19/20
	FOTB	2/5/20	5/22/20		TTA	6/2/18	7/31/20		HiddPac	6/28/19	6/30/20
	GBRF	2/29/20	6/10/20	Guangzhou GSC	BackWild	5/1/19	5/1/20		AfricAdv		9/30/20
	MOTUW	11/21/14	12/31/20	Guayaquil	AMJ	4/16/19	4/15/20		ExtrWeat	10/15/19	10/31/20
	NPA	3/8/18	9/3/20		BackWild	4/3/19	3/31/20		G3DNW	6/18/14	9/30/20
Copenhagen TBP	TurtOdys	9/21/19	2/28/20	Hague	A11FSE	5/21/19	1/30/20	London BFI Ode	TurtTale		9/30/20
	A11FSE	6/12/19	6/11/20		BackWild	2/12/19	2/11/20		AmazAdve	3/29/19	3/31/20
	MOTUW	6/19/14	6/18/20		Everest	9/1/19			AMMM	9/1/18	2/6/20
	SOTU	1/15/20	1/15/21		FON	10/4/12	10/3/20		FOTB	9/6/13	6/30/20
	TTS	4/14/19	4/13/20		GBRF	10/15/19	10/15/20		NPA	2/12/16	7/31/20
Corpus Christi Lex Davenport Put	ACGOTS	6/17/16			Jerusale	3/31/14	6/30/20	London SM Los Angeles CSC	A11FSE	5/17/19	5/16/20
	A11FSE	7/13/19	7/12/20		MOTUW	10/1/15	10/20		A11FSE	7/15/19	2/29/20
	BFTB	11/1/19	10/31/20		SupDogs	6/18/19	6/18/20		BackWild	9/28/19	4/1/20
	Bugs	10/1/12	4/28/20	Hampton VASC	A11FSE	6/15/19	6/14/20		SupDogs	3/15/19	3/1/20
	DreamBig	2/24/17	3/31/20		DreamBig	2/17/17	6/14/20		TTS	1/17/20	1/31/21
Dayton Dearborn THF	ExtrWeat	10/15/16	10/14/20		JTS	2/21/15	2/20/20	Louisville KSC	TurtOdys	2/7/20	8/31/20
	FlyMons	3/27/14	6/1/20		RobotsNG	6/20/15	6/18/21		BackWild	3/23/18	6/30/20
	FOTB	2/15/13	6/30/20		SupDogs	3/15/19	3/15/20		DreamBig	2/17/17	2/28/20
	G3DNW	1/29/19	10/20/20	Hangzhou LCSTM	HumpbWha	6/1/19	5/31/20		ExtrWeat	10/14/19	10/14/21
	L&C		4/26/20	Harrisburg	DreamBig	2/18/17	3/11/20		FON	6/18/15	7/2/20
	LITAOA	7/1/16	10/1/20		ExpChesa	3/20/19	12/31/21	FOTB	9/30/12	6/30/20	
	Meerkats	6/1/17	5/31/20		FON	2/28/19	2/27/21	Jerusale	1/20/14	7/20/20	
	SupDogs	3/15/19	5/29/21		FOTB	2/2/14	6/30/20	L&C	7/2/18	7/2/20	
	A11FSE	5/25/19	5/24/20		GBRF	2/15/19	2/14/20	MounQues	6/14/19	6/13/20	
	A11FSE	6/17/19	6/16/20		IAW	2/20/20	2/19/21	PTJH	7/4/14	7/20/20	
Denver MNS	AMJ	2/16/18	2/18/20		NPA	7/1/16	7/2/20	Lubbock SS	SupDogs	3/15/19	6/13/20
	BackWild	8/1/18	2/29/20		TinyGian	2/1/18	3/31/21		BFTB	12/6/19	12/2/20
	DreamBig	2/17/17	7/1/20	Hartberg	AMJ	4/6/19	4/15/20		GBRF	10/18/19	10/17/20
	FOTB	2/8/17	1/31/20		NPA	6/1/19	6/1/21		Volcanoes	7/5/19	5/31/20
	ISR	7/1/19	6/30/20		SOB3D	12/25/19	12/24/20		A11FSE	5/24/19	3/30/20
	NPA	3/25/16	7/1/20	Hastings	BFTB	10/25/19	10/24/20	AfricAdv	1/1/20	8/31/20	
	PlanPowe	10/1/19	9/30/20		FOTB	3/17/13	6/30/20	Cuba	10/25/19	10/31/20	
	RobotsNG	3/25/16	1/31/20		ISR	9/1/19	12/31/20	G3DNW	1/1/20	8/31/20	
	SupDogs	3/15/19	3/14/20		SupDogs	3/15/19	3/14/20	HumpbWha	10/6/16	12/31/20	
	A11FSE	5/17/19	5/16/20		TurtOdys	9/13/18	6/30/20	Jerusale	9/27/13	11/30/20	
Des Moines Dongguan STM Edmonton TWS	AmazAdve	1/16/20	6/30/20		WildCats	9/2/19	1/2/20	McMinnville	LITAOA	4/10/15	5/30/21
	IAW	2/14/20	2/13/21	Hong Kong SM	TTS	7/1/19	9/30/21		SpaceNex	10/1/18	10/31/20
	SupDogs	3/15/19	3/15/20		Volcanoes	9/1/19	4/30/20		TTS	1/1/19	12/31/20
	TurtOdys	8/22/19	8/21/20	Houston MNS	BFTB	1/6/20	1/5/21		A11FSE	10/1/19	6/30/20
	Volcanoes	1/24/19	1/23/20		DreamBig	2/17/17	1/7/21	AMMM	7/1/16		
	GlobSoun	10/1/16	9/1/20		FOTB	10/4/12	12/31/20	ExtrWeat	4/1/19	3/31/20	
	NPA	1/25/17	6/30/20		GBR3D	3/8/19	3/15/21	FON	9/1/15	3/31/20	
	AmazAdve	1/19/18	6/30/20		GBRF	11/8/19	11/7/20	FOTB	3/21/13	9/13/20	
	BackWild	11/8/19	11/7/20		IAW	2/19/20	2/18/21	G3DNW	4/11/19	4/10/20	
	BFTB	1/17/20	1/16/21		SupDogs	4/26/19	4/25/20	GBRF	1/1/20	12/31/20	
Fort Lauderdale	Bugs	6/30/18	6/30/20	Houston SCH	TTS	1/1/20	12/31/20	MA	1/30/17	1/28/20	
	Cuba	2/1/19	2/28/20	Huntsville USSRC	A11FSE	6/1/19	5/30/20	SOE	7/1/19	7/1/20	
	DreamBig	3/25/17	2/18/20		TSAB	5/1/19	4/30/20	SupDogs	6/1/19	5/31/20	
	ExtrWeat	6/2/17	6/1/20		TTS	5/1/19	12/31/20	TurtOdys	5/12/18	12/31/20	
	FOTB	12/26/13	6/30/20	Hutchinson	A11FSE	5/17/19	5/16/20	Volcanoes	3/21/19	3/20/20	
	GBR3D	7/1/18	9/14/20		AirRacer	1/19/18	1/31/20	WildAfr	1/4/18	2/1/21	
	GBRF	9/15/19	9/14/20		Cuba	2/15/19	2/28/20	A11FSE	5/25/19	5/24/21	
	GlobSoun	10/1/16	6/4/20		D-Day	12/31/17	1/31/20	Cuba	9/19/19	9/17/21	
	HumpbWha	10/2/15			LITAOA	5/1/15	8/21	ExtrWeat	3/24/17	8/31/21	
	Jerusale	12/26/13	6/30/20		MAOOB	11/22/19	11/21/20	FOTB	3/1/14	5/31/20	
Fort Worth	JTTS	1/16/15			RobotsNG	5/20/16	6/11/21	MOC	2/9/19	5/22/20	
	NPA	2/12/16	10/22/20		SpaceNex	9/8/17	3/31/20	SupDogs	9/14/19	9/13/21	
	SupDogs	3/15/19	3/15/20		SpacJunk	10/31/14	11/30/20	TinyGian	11/17/18	5/22/20	
	TurtOdys	6/21/19	9/23/20	Hyderabad	HumpbWha	12/10/18	12/11/20	DreamBig	7/10/17	6/30/21	
	Volcanoes	10/12/18	6/30/20		TTA	11/15/18	11/30/20	GBR3D	3/30/19	6/30/20	
	BackWild	6/1/18	4/24/20	Indianapolis Imx	A11FSE	7/12/19	7/11/20	GBRF	9/1/19	9/27/20	
	BFTB	10/25/19	10/24/20		AmazAdve	9/8/17	5/31/20	SupDogs	1/3/20	6/30/21	
	DreamBig	2/17/17	6/6/20		DreamBig	1/17/19	1/16/20	Volcanoes	9/1/19	8/31/21	
	G3DNW	9/26/19	6/25/20		HumpbWha	8/17/16	10/29/20	GlobSoun	10/18/17	10/31/20	
	GBRF	2/15/19	2/14/20		SupDogs	3/15/19	3/15/20	HiddPac	10/24/19	10/31/20	
Garden City	SupDogs	4/19/19	4/18/20	Jersey City	DreamBig	2/17/17	11/15/20	MOC	1/25/19	1/31/20	
	A11FSE	5/17/19	5/16/20		GBRF	3/15/19	3/14/20	SupDogs	5/4/19	3/15/20	
	CRA	6/10/17	9/30/20		Jerusale	9/1/18	8/31/20	AMJ	3/15/18	4/15/20	
	DreamBig	2/17/17	6/30/20		SFLIS	11/2/19	11/1/20	DreamBig	2/2/18	4/15/20	
	GBRF	7/26/19	7/25/20		SupDogs	6/24/19	6/23/20	Hurrican	6/29/19	1/10/20	
Galveston	Jerusale	3/21/16	10/24/22		Volcanoes	12/26/19	12/25/20	WWDP3D	10/19/19	2/15/20	
	L&C	9/1/03	12/31/23	Kansas City Sci	ExtrWeat	10/15/16	12/31/21	GBRF	10/1/19	9/30/20	
	NPA	2/12/16	6/30/20		GBRF	7/4/19	7/3/20	SupDogs	5/15/19	5/15/20	
	SupDogs	3/15/19	3/15/20		MOC	10/24/19	4/30/20	AMJ	4/15/18	4/16/20	
	Cuba	3/9/19	3/31/20	Kapurthala	SupDogs	6/14/19	6/14/21	DreamBig	9/10/17	6/2/20	
Glasgow	GBRF	8/30/19	8/18/20		AMJ	6/15/18	6/14/20	G3DNW	10/6/14	5/5/21	
	Jerusale	11/1/19	4/30/20	Katowice CC	Everest	6/15/18	6/14/20	NPA	9/17/16	11/30/21	
	A11FSE	5/21/19	5/20/20		AfricAdv		9/30/20	SupDogs	8/29/19		
	AsterME	5/19/17	6/18/20		G3DNW	6/18/14	9/30/20	TTA	11/1/16	11/30/21	
	Volcanoes	10/1/19	9/30/20	Kenner	FlyMons	6/4/16	6/3/21	AMJ	10/30/19	10/30/21	
Garza Garcia Gatineau	OOBP	10/30/19	2/29/20	Killeen	FlyMons	9/15/17	9/15/20	DreamBig	10/30/19	10/30/21	
	Arabia	4/24/18	3/30/20	Kolkata SC	AsterME	1/1/19	12/31/20	Hurrican	10/1/19	9/30/21	
	BackWild	6/1/18	3/31/20	Krakow CC	AfricAdv			ND			
	Cuba	2/1/19	2/28/20		G3DNW	6/18/14	9/30/20	HiddPac	5/9/19	5/31/20	
	D-Day	9/1/15	12/31/20		TurtTale		9/30/20	HOTB	9/15/15	12/31/20	
Lansing Cel	Dolphins	7/9/18	3/20/20	KSC 1	JTS	2/27/15		OOBP	7/1/19	1/5/20	
	Everest	7/30/18	3/30/20		TTs	5/1/19	4/30/20	Volcanoes	1/6/20	7/5/20	
	FOTB	10/5/12	6/30/20	Kuwait SCK	AmazAdve	6/14/18	3/31/20	Niagara	7/1/86		
	GBRF	7/2/19	7/1/20		BackWild	8/10/19	2/10/20	Niagara	5/1/07		
	GWS	10/7/16	3/31/20		DreamBig	6/25/17	8/31/20	A11FSE	5/17/19	5/16/20	
	MOTUW	1/15/16	3/31/20		JTM	7/26/19	8/31/20	AmazAdve	5/17/19	5/16/20	
	VanGogh	7/30/18	3/30/20		MOTUW	1/30/14	8/31/20	BackWild	3/24/18	6/30/20	
	Volcanoes	6/1/19	1/6/20		TurtOdys	11/1/19	4/6/20	GBR3D	12/14/19	9/7/20	
	AmazAdve	4/12/19	4/14/20		DreamBig	6/30/17	7/31/20	JTTS	7/1/14	2/8/20	
	HidUniv		2/28/20		GCA	5/1/19	7/31/20	SupDogs	3/15/19	3/15/20	
TTA	4/1/15	5/20/20		HidUniv	7/1/18	7/31/20	BackWild	11/1/18	6/30/20		
							SupDogs	5/1/19	4/30/21		



Theater	Film	Open	Close	Theater	Film	Open	Close	Theater	Film	Open	Close
Orlando SC	TurtOdys	9/1/19	2/28/20	Rochester MSC Sacramento Imx	HumpbWha	3/14/15	12/31/20	Syracuse MOST	GBRF	2/15/19	6/30/20
	A11FSE	7/1/19	6/30/20		NPA	4/10/16	12/31/20		OOPB	3/9/19	6/30/20
	AGWN	9/1/19	8/31/20		SupDogs	10/1/19	9/30/20		SupDogs	3/11/15	3/15/20
	AmazAdv	2/24/18	6/30/20		Volcanoes	6/1/19	5/31/20		TurtOdys	12/7/18	6/30/20
	BackWild	11/1/18	6/30/20		WildAfri	2/1/17			AmazAdv	2/16/19	2/15/20
	BFTB	11/8/19	11/7/20		NPA	8/2/19	3/30/20		GWS	6/1/19	6/1/20
	FON	1/2/20	1/1/21		A11FSE	7/12/19	7/1/20		SpacJunk	1/1/20	1/31/21
	GBRF	2/23/19	2/22/20		AIWC	5/1/15	6/10/20		SupDogs	4/15/19	3/15/20
	SeaMonst	9/1/19	8/30/21		AmazAdv	9/8/17	6/30/20		BackWild	7/1/19	6/30/20
	SupDogs	4/1/19	3/30/20		ExtrWeat	2/24/17	10/14/20		Volcanoes	1/1/20	12/31/20
Osaka Sci Parker	Volcanoes	2/22/20	2/21/21	Saint Augustine	FOTB	8/13/13	6/30/20	Taichung NMNS Taipei AM Tallahassee CLC	A11FSE	7/12/19	7/1/20
	A11FSE	7/20/19	7/21/20		HumpbWha	8/19/16	10/29/20		AmazAdv	4/28/17	6/30/20
	Meerkats	12/1/19	11/30/20		Jerusale	9/15/14	10/23/20		AMJ	2/16/18	2/28/20
Pensacola NAM	MOTUW	1/30/19	1/29/20		NPA	2/19/16	3/25/20		BackWild	10/18/18	6/30/20
	A11FSE	5/17/19	5/16/20		SOTU	12/1/19	12/1/21		Cuba	1/18/19	6/30/20
	ACGOTS	5/26/17	6/30/20		SupDogs	3/15/19	3/15/20		ExtrWeat	5/19/17	5/1/20
	AMJ	2/26/19	2/27/20		TurtOdys	9/21/18	5/31/20		HidUniv	2/1/19	2/28/20
Peoria RM	MOF	11/8/96			BackWild	8/17/19	8/16/20		HumpbWha	1/1/19	2/28/20
	A11FSE	5/25/19	5/24/20		DreamBig	2/17/17	6/30/20		JTS	6/22/18	6/21/21
	AmazAdv	6/20/18	6/30/20		ExtrWeat	10/15/16	10/30/20		MA	8/14/18	8/13/20
	AMJ	2/16/18	2/17/20		FOTB	1/18/13	12/31/20		MOC	5/1/19	11/1/20
	D-Day	4/2/15	2/28/20		GBR3D	8/20/18	8/19/20		MOTUW	3/17	3/20
	DreamBig	2/18/17	6/1/20		GBRF	2/15/19	2/14/20		OOPB	6/7/19	12/31/20
	ExtrWeat	10/15/16	10/21/21		L&C		6/14/20		SupDogs	3/15/19	3/15/20
	HiddPac	11/1/19	10/31/20		SupDogs	8/19/19	8/16/20		TTA	2/1/19	2/28/20
	IAW	2/28/20	2/27/21		A11FSE	2/14/20	2/13/21	Thessaloniki SCTM	TurtOdys	2/14/20	2/13/21
	Mummies	10/16/18	10/31/20	Saint Louis SC	BackWild	1/26/20	1/25/21		DreamBig	10/28/17	10/1/20
Philadelphia FI	SupDogs	3/30/19	3/9/20		ExtrWeat	1/13/17	12/11/21		JTS	12/14/18	12/31/20
	TinyGian	6/30/18	6/30/20		GBRF	11/29/19	11/28/20	Tijuana	A11FSE	12/2/19	12/1/20
	A11FSE	5/17/19	5/17/20		SupDogs	3/15/19	3/15/20		AGWN	4/12/19	4/11/20
	DreamBig	3/1/18	3/31/20	Saint Paul SMM	Volcanoes	5/17/19		Toronto OP	GBRF	2/22/19	2/22/20
	SFLIS	2/2/19	2/2/21		A11FSE	5/17/19	5/11/20		SupDogs	7/21/19	
Phoenix ASC	SupDogs	4/13/19	5/15/20		Cuba	3/1/19	3/1/20		ACGOTS	6/1/18	6/1/20
	TSAB	1/1/17	1/1/21		DreamBig	2/3/20	2/2/21		BFTB	2/15/20	2/14/21
	Volcanoes	9/15/19	9/30/20	Salt Lake City Clark	SupDogs	10/17/19			SupDogs	7/1/19	7/1/20
	A11FSE	5/17/19	5/16/20		Volcanoes	9/19		Toronto OSC	A11FSE	5/17/19	11/16/20
	GBRF	10/12/19	10/11/20		A11FSE	6/22/19	6/21/20		AmazAdv	10/6/17	6/30/20
Pittsburgh CSC	Mummies	2/6/19	5/22/20		BFTB	11/16/19	5/22/20		GBRF	2/15/19	2/14/20
	SeaRex	11/17/19	5/25/20	San Diego NHM	DOA	2/14/20	2/13/21	Toulouse CDE Valencia Spn	HumpbWha	1/1/20	6/30/20
	Volcanoes	2/22/19	6/30/20		ExtrWeat	10/24/16	11/18/21		SupDogs	4/12/19	5/15/20
	A11FSE	5/19/19	12/31/20		SOTU	8/17/19	4/3/20		Volcanoes	10/11/19	4/30/21
	AmazAdv	11/17/17	12/31/20		SupDogs	3/30/19	2/13/20		A11FSE	6/1/19	2/29/20
	AMJ	1/25/19	1/24/20	San Diego RHF	Volcanoes	1/16/19	2/15/20	Vancouver TWS	A11FSE	7/1/19	6/30/20
Poitiers Imax Port of Spain	BackWild	8/31/18	12/31/20		ConqOTS	1/3/20	2/28/20		PlanPowe	1/7/19	6/30/20
	Cuba	11/1/19	10/31/20		MA	1/1/20	12/31/20		SOTU	10/1/19	12/31/21
	D-Day	2/19/19	2/18/20		Bugs	7/1/14	6/30/20		Volcanoes	10/1/19	12/31/20
	DreamBig	11/17/17	12/31/20	San Jose Tech	FON	11/14	4/20		A11FSE	11/23/19	11/22/20
	ExtrWeat	11/17/17	12/31/20		FOTB	10/12/12	6/30/20		AmazAdv	12/22/17	6/30/20
Portage Cel	HumpbWha	6/17/16	12/31/20		Jerusale	11/20/15	4/3/20		DreamBig	3/4/17	6/30/20
	MOTUW	11/17/17	12/31/20		L&C		4/3/20		GBRF	2/15/19	2/14/20
	NPA	2/12/16	12/31/20		MOTUW	11/8/13	4/3/20		GlobSoun	10/1/16	2/5/20
	SupDogs	11/23/19	12/31/21		SupDogs	3/15/19	3/15/20	Vantaa Victoria DCI	IAW	2/29/20	2/28/21
	PlanPowe	2/9/19	2/8/20	San Simeon DCI Seattle PSC 1	Volcanoes	11/9/18			NPA	2/12/16	6/30/20
Portland OMSI ET	DreamBig	5/3/19	5/2/20		A11FSE	5/17/19	5/16/20		SupDogs	5/1/19	3/15/20
	GBR3D	1/30/19	1/29/20		BFTB	10/25/19	10/24/20		PTJH	1/27/17	1/26/20
	HidUniv	10/3/19	10/2/20		D-Day	5/15/19	6/30/20		A11FSE	9/20/19	9/19/20
	DreamBig	6/30/17	7/31/20		ExtrWeat	10/15/16	10/30/21		ACGOTS	5/3/19	5/31/20
	GCA	9/1/18	7/31/20	Seattle PSC 2	GBRF	2/11/20	2/11/21	Virginia Beach AMSC	AirRacer	8/30/12	2/27/20
Poznan CC	HidUniv	5/2/19	1/31/20		GWS	10/31/18	1/31/20		AmazAdv	4/14/17	6/30/20
	HumpbWha	9/1/18	7/31/20		RobotsNG	10/3/15	10/31/20		AMMM	4/16/18	4/15/21
	NPA	10/1/18	7/31/20		SupDogs	3/22/19	3/15/20		BackWild	1/18/19	6/30/20
	TTA	6/1/18	7/31/20		Volcanoes	8/15/19	8/14/20		BFTB	11/22/19	11/21/20
	A11FSE	5/17/19	5/16/20		HCBDT	8/17/96		Warsaw CC	ConqOTS	8/18/17	5/14/21
Prague CC Quantico	AGWN	3/1/19	11/30/20	Shanghai 3D STM	GlobSoun	10/1/16	12/31/20		Cuba	3/29/19	3/31/20
	AmazAdv	2/16/18	2/16/20		SupDogs	3/15/19	3/15/20		DreamBig	3/17/17	6/30/20
	AOTE	1/26/18	1/31/20		A11FSE	5/31/19	7/18/20		FOTB	4/5/13	6/30/20
	BackWild	9/7/18	6/30/20		AmazAdv	11/10/17			GBRF	2/15/19	2/14/20
	DinoAliv	1/26/18	1/31/20		BFTB	12/20/19	12/19/21		HumpbWha	6/19/15	12/31/20
Raleigh	DSC	6/13/19	6/14/21	Shreveport	Cuba	6/14/19	6/30/20	Washington NASM	MA	11/24/17	4/15/21
	FON	3/8/19	3/7/21		GBRF	5/3/19	5/2/20		MAOOB	2/20/20	2/20/22
	FOTB	1/7/14	6/30/20		HiddPac	10/4/19	10/31/20		MOC	8/30/19	9/15/20
	L&C	7/21/15	10/1/21		MAOOB	11/4/19	11/4/20		MOTUW	10/9/15	12/31/20
	OOPB	4/20/18	4/30/20		AGWN	1/1/19	1/1/20		MounQues	1/24/20	2/27/20
Regina	SupDogs	3/15/19	3/14/20	Singapore DC Singapore SC	AMJ	7/24/19	7/23/20		SeaLion	2/28/20	2/28/21
	TA	1/26/18	1/31/20		BackWild	11/1/19	1/24/21	Warsaw CC	SFLIS	9/22/17	12/31/20
	Volcanoes	10/13/18	12/31/20		SpacJunk	2/1/19	2/1/20		SupDogs	5/1/19	3/15/20
	WildAfri	1/26/18	1/31/20		Volcanoes	10/19	10/20		Volcanoes	1/18/19	6/30/20
	WWDP3D	1/26/18	1/31/20		A11FSE	7/4/19	7/3/20		ExpChesa	9/3/19	10/12/21
Richmond SMV	AfricAdv	6/18/14	9/30/20	Sioux Falls	SupDogs	3/15/19	3/15/20		OOPB	1/1/19	1/31/20
	G3DNW		9/30/20		Cuba	9/17/19	3/17/20	Washington NASM	SupDogs	5/15/19	5/14/20
	TurtTale		9/30/20		GBRF	3/16/19	3/15/20		AfricAdv		9/30/20
	G3DNW	5/22/14	12/31/21		SpaceNex	5/15/18	5/15/21		G3DNW	6/18/14	9/30/20
	SupDogs	5/10/19	5/9/21	Speyer Dome	A11FSE	5/17/19	5/16/20		TurtTale		9/30/20
Rochester MSC Sacramento Imx	WTM	7/31/17			NPA	3/4/16	7/31/20	Wrocław CC	A11FSE	5/17/19	5/17/20
	A11FSE	7/5/19	7/4/20		PlanPowe	3/28/19	3/27/20		ACGOTS	5/26/17	5/25/20
	BackWild	6/4/18	6/30/20		AmazAdv	12/2/17	5/31/20		DreamBig	2/17/17	2/16/20
	D-Day	5/23/14	2/28/20		AMJ	2/1/19	5/30/20		IAW	2/14/20	2/13/21
	ExtrWeat	10/17/16	10/15/21		BackWild	2/1/19	5/31/20	Yellowstone	JTS	3/6/15	
Salem SC	FON	2/1/12	10/21	Stockholm	DreamBig	6/2/17	5/30/20		LITAOA	4/10/15	
	FOTB	10/19/17	6/30/20		ExtrWeat	2/1/17	3/31/20		SOTU	7/12/19	7/12/20
	GBRF	3/1/19	2/28/20		IAW	2/17/20	2/16/21		ToFly	3/7/16	12/31/20
	L&C	1/1/15	7/2/20		L&C	10/25/16	11/18/21		AfricAdv		9/30/20
	MAOOB	1/10/20	1/10/21		Meerkats	6/1/18	12/31/20		ExtrWeat	10/15/19	10/31/20
Seattle PSC 1	MOTUW	11/1/15	10/15/21	Sudbury	SupDogs	6/1/19	5/30/20	Yellowstone	G3DNW	10/4/17	9/30/20
	NPA	2/27/16	12/31/20		TurtOdys	9/1/18	1/31/20		TurtTale		9/30/20</

# Key to Film Abbreviations

Film	Title	Year	Dist	Film	Title	Year	Dist	Film	Title	Year	Dist
10Clover	10 Cloverfield Lane	2016	PPC	GOTG	Guardians of the Galaxy	2014	3D	REA	Resident Evil: Afterlife	2010	3D
123Strong	12 Strong	2018	WB	GOTG2	Guardians of the Galaxy, Vol. 2	2017	3D	RealSteel	Real Steel	2011	WDPPD
1017	1017	2017	UP	Gravity	Gravity	2013	3D	RedSparrow	Red Sparrow	2018	FOX
300ROAE	300: Rise of an Empire	2014	3D	GreatApe	Great Ape 3D	2014	3D	Remnants	Remnants	2014	3D
A11FSE	Apollo 11: First Steps Edition	2019	MFF	GreatWal	Great Wall, The	2017	3D	RER	Resident Evil: Retribution	2012	SPE
AAOU	Avengers: Age of Ultron, The	2015	3D	GreenHornet	Green Hornet, The	2011	3D	Rescue	Rescue 3D	2011	3D
ACGOTS	Aircraft Carrier: Guardian of the Seas	2020	3D	Gruffalo	Gruffalo	2014	3D	RETFC	Resident Evil: The Final Chapter	2017	3D
ACH	Annabelle Comes Home	2019	WB	GruffChi	Gruffalo's Child	2015	3D	Revenant	Revenant, The	2016	FOX
AdAstra	Ad Astra	2019	FOX	GWS	Great White Shark	2013	3D	Riddick	Riddick	2013	UP
AfterEar	After Earth	2013	SPE	H&GWH	Hansel & Gretel: Witch Hunters	2013	3D	RME	Rocky Mountain Express	2011	SLC
Aftersho	AfterShock	2010	HBMC	HappyFeet2	Happy Feet Two	2011	3D	ROA	Rock of Ages	2012	WB
AGWN	Australia's Great Wild North	2018	K2	HelioJoy	HelioJoy	2019	LG	RoboCop	RoboCop	2014	COL
AirRacer	Air Racers 3D: Forces of Flight	2012	3D	Hercules	Hercules	2014	3D	RobotsNG	Robots	2015	3D
AITU	Antarctica: Into the Unknown	2020	SKF	HGCF	Hunger Games: Catching Fire, The	2013	3D	RogueOne	Rogue One: A Star Wars Story	2016	3D
AIW	Alice in Wonderland	2010	3D	HGM2	Hunger Games: Mockingjay Part 2, The	2015	3D	ROTB	Room on the Broom	2015	3D
Aladdin	Aladdin	2019	3D	HiddenPac	Hidden Pacific	2018	3D	ROTLA	Raiders of the Lost Ark	2012	PPC
AlienCov	Alien: Covenant	2017	FOX	HiddenUniv	Hidden Universe	2013	3D	RPO	Ready Player One	2018	3D
Alita	Alita: Battle Angel	2019	FOX	Hobbit1	Hobbit: An Unexpected Journey, The	2012	3D	SammyAdv	Sammy's Adventures: The Secret Passage	2010	3D
AMATW	Ant Man and the Wasp	2018	3D	Hobbit2	Hobbit: The Desolation of Smaug	2013	3D	SanAndre	San Andreas	2015	3D
AmazAdv	Amazon Adventure	2017	3D	Hobbit3	Hobbit: The Battle of the Five Armies, The	2014	3D	Sanctum	Sanctum	2011	3D
AmerArct	America's Arctic	2020	3D	HPDH1	Harry Potter and the Deathly Hallows, Part I	2010	WB	SeaLion	Sea Lions: Life by a Whisker	2020	3D
AMJ	America's Musical Journey	2018	3D	HPDH2	Harry Potter and the Deathly Hallows, Part II	2011	3D	SeaRex	Sea Rex: Journey to a Prehistoric World	2010	3D
AMMM	Amazing Mighty Micro Monsters 3D	2016	3D	HTTYD	How to Train Your Dragon	2010	3D	Sevenson	Sevenson, The	2015	3D
AmSniper	American Sniper	2017	3D	HTTYD3	How to Train Your Dragon: The Hidden World	2019	3D	SearchIn	Search for Life in Space, The	2016	3D
AncCaves	Ancient Caves	2020	3D	Hubble3D	Hubble 3D	2010	3D	Shazam!	Shazam!	2019	WB
Angkor	Angkor: Lost Empire of Cambodia	2020	3D	HumpbWha	Humpback Whales	2015	3D	Shrek4	Shrek Forever After: An IMAX 3D Experience	2010	3D
AntMan	Ant-Man	2015	3D	HungGame	Hunger Games, The	2012	3D	Skyfall	Skyfall	2012	COL
AOTE	Antarctica 3D: On the Edge	2014	3D	Hurricane	Hurricane	2017	3D	SM4	Spider-Man: Homecoming	2017	3D
APE	Antarctica's Penguin Emperors 3D	2014	3D	IANF	I Am Number Four	2011	WDPPD	SMFFH	Spider-Man: Far From Home	2019	SPE
Aquamam	Aquamam	2018	3D	IAW	Into America's Wild	2020	3D	SMITSV	Spider-Man: Into the Spider-Verse	2018	SPE
Arabia	Arabia	2010	3D	IDR	Independence Day: Resurgence	2016	3D	Snow	Snow	2020	3D
Artemis	Artemis	2020	3D	IFrankens	I, Frankenstein	2018	3D	SOB3D	Son of Bigfoot 3D, The	2018	3D
ASM	Amazing Spider-Man, The	2012	3D	Inceptio	Inception	2010	WB	SOE	Story of Earth, The	2018	3D
ASM2	Amazing Spider-Man 2, The	2014	3D	Incred2	Incredibles 2	2018	3D	SOG	Secrets of Gravity, The	2017	3D
AsterHunt	Asteroid Hunters	2020	3D	IncrPred	Incredible Predators	2016	3D	SoldStor	Soldiers' Stories	2014	3D
AsterME	Asteroid Mission Extreme	2016	3D	Inferno	Inferno	2016	3D	Solo	Solo: A Star Wars Story	2018	3D
ATTLG	Alice Through the Looking Glass	2016	3D	Inhumans	Inhumans	2017	3D	SOIU	Secrets of the Universe	2014	3D
AvatarSE	Avatar Special Edition: An IMAX 3D Experience	2010	3D	Interste	Interstellar	2014	PPC	Soundgar	Soundgarden: Live from the Artists Den	2019	IMAX
Avengers	Marvel's The Avengers	2012	3D	IOLM	Island of Lemurs: Madagascar	2014	3D	SpaceNex	Space Next 3D	2015	3D
Avengers4	Avengers: Endgame	2019	WDPPD	IronMan2	Iron Man 2	2010	PPC	SpaceJunk	Space Junk	2012	3D
AvengirlW	Avengers: Infinity War	2018	3D	IronMan3	Iron Man 3	2013	3D	Spectre	Spectre	2015	3D
BackWild	Backyard Wilderness	2018	3D	ISR	In Saturn's Rings	2018	B&D	SSS	Super Science Showcase	2018	B&D
BackB17	Beauty and the Beast	2017	3D	IT	IT: Chapter 2	2019	WB	StarTrk2	Star Trek Into Darkness	2013	3D
BeatSuf	Batman v. Superman: Dawn of Justice	2016	3D	ITHOTS	In the Heart of the Sea	2015	3D	StarTrk3	Star Trek Beyond	2016	3D
BBF	Beast Boy for Life	2018	3D	Jurassicate	Jurassicate	2019	3D	SuckPur3	Sucker Punch	2011	3D
BeasBoys	Beastie Boys Story	2020	3D	JK	Jesus is King	2019	3D	SuicideSquad	Suicide Squad	2016	3D
BeasPlan	Beautiful Planet, A	2016	3D	JMCSO	Jean-Michel Cousteau's Secret Ocean	2015	3D	Sully	Sully	2016	WB
BeaversDC	Beavers: The Director's Cut	2019	SLC	JohnCart	John Carter	2012	3D	SuDoGS	Superpower Dogs	2019	3D
BenHur	Ben-Hur	2016	3D	JohnWick	John Wick	2014	3D	Super9	Super 9	2015	3D
BFTB	Back From the Brink	2019	3D	JohnWick3	John Wick: Chapter 3 - Parabellum	2019	3D	SW7	Star Wars: The Force Awakens	2015	3D
BirdsPrey	Birds of Prey	2020	WB	Joker	Joker	2019	WB	SW8	Star Wars: The Last Jedi	2017	3D
BlackPan	Black Panther	2018	WDPPD	Journey2	Journey 2: The Mysterious Island	2012	3D	SW9	Star Wars: The Rise of Skywalker	2019	WDPPD
BlackRun	Black Run 2049	2017	3D	JRNRW	Jack Ryan: Shadow Recruit	2014	3D	TA	Tomb Raider	2015	3D
BTBW	Born to Be Wild	2011	3D	JRSR	Jack Ryan: Shadow Recruit	2014	PPC	TDOTM	Transformers: Dark of the Moon	2011	3D
CACW	Captain America: Civil War	2016	3D	JTGS	Jack the Giant Slayer	2013	3D	Tenet	Tenet	2020	WB
CapMarv	Captain Marvel	2019	WDPPD	JTNL	Jumanji: The Next Level	2019	SPE	TermDF	Terminator: Dark Fate	2019	PPC
CapPhil	Captain Phillips	2013	3D	JTNS	Journey to Space	2015	3D	TermGeni	Terminator Genisys	2015	3D
Cars2	Cars 2	2011	3D	JTSP	Journey to the South Pacific	2016	3D	Thor	Thor	2011	3D
CATWS	Captain America: The Winter Soldier	2014	3D	JungBook	Jungle Book, The	2016	3D	ThorRag	Thor: Ragnarok	2017	WDPPD
Chappie	Chappie	2015	3D	JupiAsc	Jupiter Ascending	2015	3D	TigerTipM	Tiger, Tiger	2020	3D
CharAng	Charlie's Angels	2019	SPE	JuraPark	Jurassic Park 3D	2013	3D	Tintin	Adventures of Tintin: Secret of the Unicorn	2011	3D
Cinderel	Cinderella	2015	3D	JuralWor	Jurassic World 3D	2017	3D	TinyGiant3	Tiny Giant 3D	2016	3D
CloudAtl	Cloud Atlas	2012	WB	JustLeag	Justice League	2017	WB	Titanic3	Titanic 3D	2012	3D
COLL	Curse of La Llorona, The	2019	WB	JWFK	Jurassic World: Fallen Kingdom	2018	3D	TMNT	Teenage Mutant Ninja Turtles	2014	3D
Commuter	Commuter, The	2018	LG	Kenya	Kenya 3D: Animal Kingdom	2013	3D	TombRaid	Tomb Raider	2018	WB
ConcOTS	Concussion: The Skies	2017	3D	Kingsman	Kingsman: The Golden Circle	2017	3D	TopGun3D	Top Gun 3D	2013	3D
Contagio	Contagion	2011	WB	KM	King of the Hill	2020	3D	TopGun3D	Top Gun 3D	2013	3D
CrimPeak	Crimson Peak	2015	UP	Kong	Kong: Skull Island	2017	3D	TopGunMav	Top Gun: Maverick	2020	PPC
Cuba	Cuba	2019	3D	LastReef	Last Reef, The	2012	3D	TTOTIA	Titans of the Ice Age	2013	3D
DarkKnir	Dark Knight Rises, The	2012	3D	LegendTarz	Legend of Tarzan, The	2013	3D	ToyStor3	Toy Story 3	2010	3D
DarkMind	Darkest Minds, The	2018	FOX	LegoBatm	Lego Batman Movie, The	2017	WB	ToyStor4	Toy Story 4	2019	WDPPD
DarkPhoe	Dark Phoenix	2019	FOX	LegoMov2	Lego Movie 2: The Second Part, The	2019	WB	TrainTim	Train Time	2020	SLC
DarkShad	Dark Shadows	2012	WB	LesMis	Les Misérables	2012	3D	Trans4	Transformers: Age of Extinction	2014	3D
D-Day	D-Day: Normandy 1944	2016	3D	LIA2	Life in the Day	2011	3D	Transcend	Transcendence	2014	3D
Deadpool	Deadpool	2016	3D	LifeTree	Life of Trees, The	2012	3D	Trolley	Trolley, The	2018	SLC
DinoDana	Dino Dana: The Movie	2020	SSE	LionKing19	Lion King, The	2019	WDPPD	TronLeg	Tron Legacy: An IMAX 3D Experience	2010	3D
DiverGAL	Divergent Series: Allegiant, The	2016	SUM	LITAOA	Living in the Age of Airplanes	2015	3D	TTA	To the Arctic	2012	3D
Divergen	Divergent	2014	SUM	LOF	Legends of Flight	2010	3D	TLK	Transformers: The Last Knight	2017	3D
DISNRP	Disney Nature Penguins	2019	WDPPD	Logan	Logan	2017	3D	TTs	Touch the Stars	2018	3D
DOA	Dinosaurs of Antarctica	2020	3D	Lorax	Dr. Seuss' The Lorax	2012	3D	TurtOdys	Turtle Odyssey	2019	3D
Doolitt	Doolittle	2020	UP	LOTG	Legend of the Guardians	2010	3D	TurtTale	Turtle's Tale: Escape from Paradise, A	2013	3D
DTPT	Dinosaur: Passage to Pangaea	2011	MA	MA	Magnificent Seven, The	2016	3D	TwEclip	Twilight Saga: Eclipse	2010	3D
DracUnio	Dracula Untold	2014	UP	Magnif7	Magnificent Seven, The	2016	3D	UA	Underworld Awakening	2012	3D
Dragons	Dragons: Real Myths and Unreal Creatures	2013	3D	Malefic	Maleficent	2014	3D	UW3D	Ultimate Wave Tahiti 3D, The	2010	3D
DreamBig	Dream Big: Engineering Our World	2017	3D	ManUNCLE	Man from U.N.C.L.E., The	2015	3D	Venom	Venom	2018	SPE
DrSleep	Doctor Sleep	2019	WB	MAOOb	Mountain Adventure: Out of Bounds	2019	3D	Volcanoes	Volcanoes: The Fires of Creation	2018	3D
DrStrang	Doctor Strange	2019	3D	Mars1001	Mars 1001	2019	3D	VOT	Voyage of Time	2016	3D
DSC	Deepest Challenge 3D	2015	3D	MazeRunn	Maze Runner, The	2014	3D	Walk	Walk, The	2015	3D
Dumbo	Dumbo	2019	WDPPD	Meerkats	Meerkats 3D	2012	3D	Warcraft	Warcraft	2016	3D
Dunkirk	Dunkirk	2017	WB	MEG	Meg, The	2018	WB	WaterDvi	Water Diviner, The	2015	WB
DUTJA	Dinosaurs Under the Aurora	2012	3D	MegMind	Megamind	2010	3D	WildAfr	Wild Africa	2015	3D
DWH	Deepwater Horizon	2016	LG	MIB3	Men in Black III	2012	3D	WildCats	Wild Cats 3D	2015	3D
EarthFil	Earthflight	2017	3D	MIBI	Men in Black International	2019	SPE	WildDream	Wildest Dream, The	2010	WDPPD
EarthWin	Earth Wins, The	2013	HFL	MICOB	Mortal Instruments: City of Bones, The	2013	SPE	WizardOz	Wizard of Oz, The	2013	3D
Electro	Electrolite	2014	3D	MIF	Mission: Impossible - Ghost Protocol	2011	PPC	WM	Watermelon	2014	3D
Elysium	Elysium	2013	SPE	MIPOB	Mission: Impossible - Rogue Nation	2015	3D	WOT	Wonders of the Arctic	2014	3D
EnderGam	Ender's Game	2013	LG	MIRN	Mission: Impossible - Rogue Nation	2015	3D	WOTT	Wrath of the Titans	2012	3D
EOT	Edge of Tomorrow	2014	3D	MJTA	Magic Journey to Africa	2010	3D	WrinkTime	Wrinkle in Time, A	2018	WDPPD
Equalizer	Equalizer, The	2014	SPE	MMHWGA	Mamma Mia! Here We Go Again	2018	UP	WTM	We, The Marines	2017	3D
Equalizer2	Equalizer 2, The	2018	3D	MMOE	Maleficent: Mistress of Evil	2019	WDPPD	WTP	We the People	2013	ISP
Everest3D	Everest	2015	3D	MNM	Mars Needs Moms!	2011	3D	WW	Wonder Woman	2017	WB
ExpChesa	Expedition Chesapeake	2019	B&D	MOC	Mysteries of China	2016	3D	WW1984	Wonder Woman 1984	2020	WB
ExtrVeat	Extreme Weather	2016	3D	MoreEng	Mortal Engines	2018	UP	WWPP3D	Walking With Dinosaurs: Prehistoric Planet 3D	2014	3D
FF8	Fast & Furious Presents: Hobbs & Shaw	2019	UP	MCS	Man of Steel	2013	3D	xXs	xXs: Return of Xander Cage	2017	3D
FF9	Fast & Furious 9	2020	UP	MOTUW	Mysteries of the Unseen World	2013	3D	Zootopia	Zootopia	2016	3D
FastFive	Fast Five	2011	UP	MounQues	Mountain Quest	2018	K2				
FBATWTF	Fantastic Beasts and Where to Find Them	2016	3D	MRDC	Maze Runner: The Death Cure	2018	3D				
FBYGOG	Fantastic Beasts: The Crimes of Grindelwald	2016	3D	MTTN	Metals Through the Never	2018	3D				
FD5	Final Destination 5	2011	WB	Mulan	Mulan	2020	WDPPD				
FindDory	Finding Dory	2016	3D	Mummy	Mummy, The	2017	3D				
FinestHou	Finest Hours, The	2016	3D	NATM3	Night at the Museum 3: Secret of the Tomb	2014	3D				
FirstMan	First Man	2018	3D	Nash	Nash	2017	3D				
FlyMons	Flying Monsters 3D	2011	3D	NPA	National Parks Adventure	2016	3D				
Focus	Focus	2015	WB	NTTD	No Time to Die	2020	MG				
FormulaE	Formula E: Racing to the Future	2020	3D	Nun	Nun, The	2018	WB				
FortSho	Fort Shock	2012	3D	Obivion	Obivion	2014	3D				
FOTB	Flight of the Butterflies	2012	3D	OceCur	Ocean Currents	2019	K2				
FotF	Fate of the Furious, The	2017	UP	Onward	Onward	2020	WDPPD				
Frankenw	Frankenweenie	2012	3D	OOBP	Oceans: Our Blue Planet	2018	3D				
FreeSolo	Free Solo	2019	3D	OTGAP	Oz: The Great and Powerful	2013	3D				
Frozen2	Frozen 2	2019	WDPPD	P2	Paranormal Activity 2	2010	PPC				
FSF	Fifty Shades Freed	2018	UP	P4A	Paranormal Activity 4	2012					



# Directory of Organizations Mentioned in this Issue of LF Examiner

Distributors' abbreviations are listed in **bold**.

1570 Cinema Services  
508 Pine Road  
Kemah, TX 77565-2421  
Tel: 888-438-1570  
Fax: 832-565-1273  
www.1570cinemaservices.com/

3D Entertainment Distribution Ltd. **3DED**  
Ibex House 61-65 Baker Street  
Weybridge, Surrey KT13 8AH UK  
Tel: +44 20-7681-2357  
Fax: +44 20-7681-2357  
www.3DEFilms.com/

Afterglow Studios  
527 Marquette Ave. Ste. 2500  
Minneapolis, MN 55402  
afterglowstudios.com/

American Museum of Natural History  
Central Park West at 79th Street  
New York, NY 10024  
Tel: 212-769-5000  
Fax: 212-769-5233  
www.amnh.org/exhibitions/3d-and-2d-films

Archipelago Films  
2 Jackson Street  
Pleasantville, NY 10570  
Tel: 914-862-4202  
www.archipelagofilms.com/

ARHT Media, Inc.  
195 Bentworth Avenue, Unit 2  
Toronto, ON M6A 1P9 CANADA  
Tel: 416-782-8042  
www.arhtmedia.com/

Atlantic Productions  
Brook Green House  
4 Rowan Road, Hammersmith  
London, W6 7DU UK  
Tel: +44 20 8735 9300  
Fax: +44 20 8735 9333  
atlanticproductions.tv/

BBC Studios Natural History Unit  
Television Centre, 101 Wood Lane  
London, W127FA UK  
www.bbcearth.com/

BIG & Digital **B&D**  
8565 S. Eastern Avenue, Suite 158  
Las Vegas, NV 89123  
Tel: 502-212-1559  
www.biganddigital.com/

Campion Advocacy Fund  
1904 Third Avenue, Suite 405  
Seattle, WA 98101-1150  
Tel: 206-686-5310  
www.campionadvocacyfund.org/

China Science and Technology Museum  
No. 5 Beichen East Road, Chaoyang District  
Beijing, 100012 CHINA  
Tel: +86 10 6237 1177  
Fax: +86 10 6237 9378  
cstm.cdstm.cn/

Christie Digital Systems  
809 Wellington St. N.  
Kitchener, ON N2G 4Y7 CANADA  
Tel: 519-744-7111  
Fax: 519-749-3139

CJ 4DPlex  
7083 Hollywood Blvd. #600  
Hollywood, CA 90028  
Tel: 213-378-2144  
www.cj4dx.com/

COSI Columbus  
333 West Broad Street  
Columbus, OH 43215  
Tel: 614-228-2674  
Fax: 614-228-6363  
www.cosi.org/

Cosmic Picture  
64 Oxford Gardens  
London, W10 5UN UK  
Tel: +44-20-7792 1699  
www.cosmicpicture.com/

Cosmic Picture Distribution **CPD**  
108 Village Square, Suite 304  
Somers, NY 10589  
www.cosmicpicture.com/

December Media Distribution  
476 Bourke Street  
Surry Hills, NSW 2010 AUSTRALIA  
www.decembermedia.com.au/

Definition Films  
Building 125 Trackdown  
115 Lang Road Entertainment Quarter  
Sydney, NSW 2021 AUSTRALIA  
www.definitionfilms.com.au/

Destination Cinema, Inc. **DCI**  
3544 Lincoln Avenue, Suite C  
Ogden, UT 84401  
Tel: 801-392-2001  
Fax: 801-392-6703  
destinationcinema.com/

Dorsey Pictures  
10397 W. Centennial Road  
Littleton, CO 80127  
Tel: 720-891-4835  
www.dorseypictures.tv/

Foxfire Interactive Corporation **FIC**  
500 East Washington St, Suite 30  
North Attleboro, MA 02760  
Tel: 508-699-6650  
Fax: 508-699-6651  
www.foxfireinteractive.com/

Giant Screen Cinema Association  
624 Holly Springs Road Suite 243  
Holly Springs, NC 27540  
Tel: 919-346-1123  
www.giantscreencinema.com/

Giant Screen Films **GSF**  
1421 Sherman Ave, Unit 101  
Evanston, IL 60201  
Tel: 847-475-9140  
Fax: 847-475-9145  
gsfilms.com/

Howard Hall Productions  
2171 La Amatista Road  
Del Mar, CA 92014  
Tel: 858-259-8989  
Fax: 858-792-1467  
www.howardhall.com/

Imax Corporation **IMAX**  
2525 Speakman Drive  
Mississauga, ON L5K 1B1 CANADA  
Tel: 905-403-6500  
Fax: 905-403-6450  
www.imax.com/

Imax Corporation  
12582 West Millennium Drive  
Los Angeles, CA 90094  
Tel: 310-255-5500  
Fax: 310-255-5501  
www.imax.com/

K2 Studios **K2**  
880 Apollo Street, Suite 239  
El Segundo, CA 90245  
Tel: 310-524-9100  
Fax: 310-524-1540  
www.k2communications.com/

Luxor Hotel and Casino  
3900 Las Vegas Boulevard South  
Las Vegas, NV 89119  
Tel: 702-262-4500  
Fax: 702-262-4506  
luxor.mgmresorts.com/en.html

MacGillivray Freeman Films, Inc. **MFF**  
PO Box 205  
Laguna Beach, CA 92652  
Tel: 949-494-1055  
Fax: 949-494-2079  
macgillivrayfreeman.com/

Milbrand Cinema  
24780 Highland Way  
Los Gatos, CA 92033  
milbrandcinema.com/

Mirage 3D  
Lekstraat 156  
The Hague, 2515VZ NETHERLANDS  
Tel: +31-7-345-7500  
mirage3d.nl/

New England Museum Association  
22 Mill Street, Suite 409  
Arlington, MA 02476  
Tel: 781-641-0013  
nemanet.org/

nWave Pictures  
4747 W Avenue L2  
Quartz Hill, CA 93536  
Tel: 818-565-1010  
Fax: 818-565-1161  
www.nwave.com/

Oceanic Research Group  
PO Box 94  
North Reading, MA 01864  
Tel: 978-664-9091  
www.oceanicresearch.org/

Ouragan Films  
La Marie Louise, Route de Caizan  
Pelissanne, 13330 FRANCE  
Tel: +44-4 95 06 80 68  
www.ouragan-lefilm.com/

Polygram Entertainment  
2220 Colorado Ave.  
Santa Monica, CA 90404-3506  
www.universalmusic.com/label/polygram-entertainment/

Saint Louis Science Center  
5050 Oakland Ave  
Saint Louis, MO 63110  
Tel: 314-289-4400  
Fax: 314-289-4420  
www.slsc.org/

Saint Thomas Productions  
Village d'Entreprises Saint Henri  
Rue Anne Gacon - Bat 301-302  
Marseille, 13016 FRANCE  
Tel: +33 4 95 068 068  
www.saint-thomas.net/

Science Museum, London  
Exhibition Road  
London, SW7 2DD UK  
Tel: +44-870 870 4771  
www.sciencemuseum.org.uk/

Sean Casey Productions  
Los Angeles, CA

SimEx/Iwerks  
27509 Avenue Hopkins  
Santa Clarita, CA 91355  
Tel: 661-678-1800  
Fax: 661-678-1795  
simex-iwerks.com/

Sinking Ship Entertainment  
1179 King Street West, Suite 302  
Toronto, ON M6K 3C5 CANADA  
www.sinkingship.ca/

SK Films, Inc. **SKF**  
Pinewood Toronto Studios  
225 Commissioners Street, Suite 303  
Toronto, ON M4M 0A1 CANADA  
Tel: 416-367-0440  
Fax: 647-837-3350  
skfilms.ca/

Stephen Low Company  
795 Carson Ave, Suite 6  
Dorval, QC H9S 1L7 CANADA  
Tel: 514-633-6036  
Fax: 514-633-6035  
www.stephenlow.com/

## Directory

Terra Mater Factual Studios  
GmbH  
Wambachergasse 2  
Vienna, Vienna 1130 Austria  
[www.terramater.at/](http://www.terramater.at/)

Themed Entertainment Association  
175 East Olive Avenue, Suite 304  
Burbank, CA 91510-1148  
Tel: 818-843-8497  
Fax: 818-843-8477  
[www.teaconnect.org/index.cfm](http://www.teaconnect.org/index.cfm)

Vindex  
535 Madison Ave  
New York, NY 10022  
[vindex.gg/](http://vindex.gg/)

White Mountain Films  
165 East 80th Street  
New York, NY 10021  
Tel: 212-249-6508  
Fax: 212-794-2993  
[www.whitemountainfilms.com/](http://www.whitemountainfilms.com/)

Wild Pacific Media  
38 Driver Ave  
Moore Park, NSW 2021  
AUSTRALIA  
Tel: +61-433 801 221  
[www.wildpacificmedia.com/](http://www.wildpacificmedia.com/)

## Classified Ads

### POSITION OPEN

#### Temporary Program Director, NSF

The Division of Research on Learning in Formal and Informal Settings (DRL), in the Directorate for Education and Human Resources (EHR) announces a nationwide search for temporary Program Directors at the **National Science Foundation**. Applications will be reviewed beginning October 15, 2019.

DRL is seeking a program officer with expertise in research or development of media in Science, Technology, Engineering or Mathematics (STEM) education. This includes but is not limited to expertise in one or more of the following areas: education media (broadcast TV/film/radio/web-based); transmedia production; interactive media; and assessment of STEM learning via media products.

DRL supports innovative research, development, and evaluation of learning and teaching across all science, technology, engineering and mathematics (STEM) disciplines in both formal and informal learning settings, and in any age group. A major goal of DRL research and development awards is to enhance the science of broadening participation in STEM. DRL programs support innovations in theory, methods, measurement, development, and applications in STEM education.

#### Duties and Responsibilities

Successful candidates will be expected to work collaboratively with staff and other program officers primarily in the Advancing Informal STEM Learning (AISL) program but may work in other DRL programs as appropriate. They will also be expected to work closely with staff across divisions and directorates on cross-cutting programs of importance to the mission of the Agency.

NSF Program Directors have an unparalleled opportunity and responsibility to ensure NSF-funded research and development activities are at the forefront of advancing fundamental knowledge. In support of that, Program Directors are responsible for extensive interaction with academic research communities, formal and informal educational organizations, industry, as well as interaction with other Federal agencies that may lead to development of interagency collaborations. Within this context, Program Directors solicit, receive and review research and education proposals,

make funding recommendations, administer awards and undertake interaction with research communities in these fields. The position requires a commitment to the highest research standards and ethical conduct, a considerable breadth of interest, receptivity to new ideas, a strong sense of fairness, good judgment, and a high degree of personal integrity.

#### Qualifications

Candidates must have a Ph.D. in a STEM or media related field, plus after award of the degree, six or more years of successful media development, production, research/evaluation administration, and/or managerial experience pertinent to the position; OR a Master's Degree in an appropriate field, plus after award of the degree, eight or more years of successful development, production, research/evaluation administration, and/or managerial experience pertinent to the position.

A successful candidate will have experience in research, production, or distribution of a range of education media and will be knowledgeable about trends and emerging media technologies. The ability to mentor or support researchers and developers in the area and to evaluate proposals and work products is essential. Ideal candidates will have expertise in a STEM discipline or STEM learning. Expertise in quantitative and/or qualitative research methodologies is highly desired.

The position may be filled with one of the following appointment options: *Intergovernmental Personnel Act (IPA) Assignment*: Individuals eligible for an IPA assignment with a Federal agency include employees of State and local government agencies or institutions of higher education, Indian tribal governments, and other eligible organizations in instances where such assignments would be of mutual benefit to the organizations involved. Initial assignments under IPA provisions may be made for a period up to two years, with a possible extension for up to an additional two-year period. The individual remains an employee of the home institution and NSF provides the negotiated funding toward the assignee's salary and benefits. Initial IPA assignments are made for a one-year period and may be extended by mutual agreement. For additional information regarding IPA positions, please visit the NSF website at: <https://www.nsf.gov/careers/rotator/ipa.jsp>

*Visiting Scientist, Engineer or Educator (VSEE) Appointment*: A VSEE appointment will be made under the Excepted Authority of the NSF Act. Visiting Scientists are on non-paid leave status from their home institution and placed on the NSF payroll as Federal employees. NSF withholds Social Security taxes and pays the home institution's contributions to maintain retirement and fringe benefits (i.e., health benefits and life insurance), either directly to the home institution or to the carrier. Appointments are usually made for one year and may be extended for an additional year by mutual agreement. For additional information regarding VSEE positions, please visit the NSF website at: <https://www.nsf.gov/careers/rotator/vsee.jsp>

*Temporary Excepted Service Appointment*: Appointment to this position will be made under the Excepted Authority of the NSF Act. Candidates who do not have civil service status or reinstatement eligibility will not obtain civil service status if selected. Candidates currently in the competitive service will be required to waive competitive civil service rights if selected. Usual civil service benefits (retirement, health benefits and life insurance) are applicable for appointments of more than one year. Temporary appointments may not exceed three years.

For additional information on NSF's rotational programs, please see "Programs for Scientists, Engineers, and Educators" on the NSF website at: <https://www.nsf.gov/careers/> and <https://www.nsf.gov/careers/rotator/>

It is NSF policy that NSF personnel employed at or IPAs detailed to NSF are not permitted to participate in foreign government talent recruitment programs. Failure to comply with this NSF policy could result in disciplinary action up to and including removal from Federal Service or termination of an IPA assignment and referral to the Office of Inspector General. <https://www.nsf.gov/careers/Definition-of-Foreign-Talent-HRM.pdf>

Applications will be accepted from U.S. citizens. Recent changes in Federal Appropriations Law require non-citizens to meet certain eligibility criteria to be considered. Therefore, non-citizens must certify eligibility by signing and attaching this Citizenship Affidavit to their application. This also applies to individuals considered for Intergovernmental Personnel Act (IPA) assignments to NSF. Non-citizens who do not provide the affida-

vit at the time of application will not be considered eligible.

#### How to Apply

Applicants should submit a current curriculum vitae and a statement of interest to [dlrcrui@nsf.gov](mailto:dlrcrui@nsf.gov) with "Program Director Position" and this DCL number in the subject line of the email.

Along with your application, please provide responses to the following:

#### Quality Ranking Factors

Knowledge of and contributions to STEM learning via one of the areas listed above.

Evidence of collaborative work with evaluators, researchers, and designers of learning media products.

Research, analytical, and/or technical writing expertise as evidenced by publications, presentations or other documents.

Ability to interact, on a peer basis, with practitioners, administrators, senior scientific and managerial personnel in governmental agencies, academia, non-profits, and the private sector.

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# SHORTS

## GSCA seeks committee members

The **Giant Screen Cinema Association** is calling for people to join the committees that do the work of the organization. The four committees are Event Planning, Member Services, Industry Development, and Giant Screen Innovations (formerly the Technical Committee). They plan and implement the group's annual meetings, including the professional development sessions and symposiums on marketing and filmmaking, undertake initiatives such as the Digital Immersive Giant Screen Specifications (DIGSS) and the Production and Post-Production Workflow (P3W), and do a great deal more.

To join a committee, or get more information, visit [giantscreencinema.com](http://giantscreencinema.com) and click on "Member Center," or e-mail executive director **Tammy Seldon** at [tammy@giantscreencinema.com](mailto:tammy@giantscreencinema.com).

## Christie Eclipse wins Thea award

Christie's Eclipse high dynamic range (HDR) projector has received the Thea Award for Outstanding Achievement, Technical Innovation, from the **Themed Entertainment Association**. The award, announced in November 2019, will be formally presented at the TEA Summit in Anaheim, CA, on April 17.

As we reported previously (see *Shorts, Summer 2019*), Eclipse is a 4K laser projector that uses dual modulation to attain a dynamic range (under ideal circumstances) of 20,000,000:1, as compared to the nominal 2,000:1 of conventional laser projectors. Although its images exceed the requirements of the DCI spec, Eclipse does not have the encryption capabilities required to be DCI-compliant.

Eclipse was developed in cooperation with the Hayden Planetarium at the **American Museum of Natural History** in New York, where prototype units were installed last summer. In January the Hayden premiered *Worlds Beyond Earth*, its first show designed specifically with the Eclipse's capabilities in mind. The show "takes viewers on an exhilarating journey that reveals the surprisingly dynamic nature of the worlds that orbit our Sun and the unique conditions that make life on our

planet possible."

A Christie spokesperson tells *LF Examiner* that the Eclipse will use the company's "latest generation of fiber-coupled light source...giving greater flexibility to the installations." The projectors will begin shipping in the third quarter of 2020 and are expected to be installed with **D3D Cinema's** Gen 3 three-projector 6K CineDome system, also slated to roll out later this year.



Dennis Earl Moore

## A chat with Dennis Earl Moore

The editor of *LF Examiner* had a brief phone conversation with veteran filmmaker **Dennis Earl Moore** in mid-January. Moore directed several seminal early giant-screen films, including *Living Planet* and *Flyers*, both made for the **Smithsonian's National Air and Space Museum** in Washington, DC. He later designed special venues that used multi-media, such as the three-screen "Virtual Factory Tour" at the BMW Zentrum Visitor Center in South Carolina and the Cloud Room installation at the Fantasy of Flight Museum in Florida.

Although Moore retired and closed his Brooklyn-based production company several years ago, he still lives in a Manhattan apartment that he says he is busy renovating. His son and grandson are living in

Denmark, and he visits them a few times a year.

Moore spoke about *Worlds Beyond Earth*, the new show in the Hayden Planetarium at the **American Museum of Natural History** (see item above), which he had just seen. He praised the show's content and the image quality of the new Christie Eclipse HDR projector, which he described as "fantastic."

He sends his regards to his colleagues in the giant-screen world.

## Assessing Museum Impact

The **New England Museum Association** has released a report on "Assessing Museum Impact," prepared by **John Jacobsen** (founder of **White Oak Associates**), **David Ellis** (former president of the **Museum of Science, Boston**), and several other contributors. According to NEMA executive director **Dan Yeager**, "The report is the summation of a two-year research project conducted to examine how museums can use data to improve their impact and performance."

Six mid-sized New England Museums participated in a process that "starts with museum leadership articulating one or more of its intentional purposes, then stating what changes or impacts they aspire to achieve for each purpose, and what real world observations might indicate that impact was happening, and then, what data fields might measure or document changes in that indicator."

Although the authors caution that additional research is needed, the participants reported positive results and plan to continue using data strategically.

The report is available at [tinyurl.com/NEMArep](http://tinyurl.com/NEMArep).

## O'Reilly wins appeal vs. Imax

Former **Imax Corporation** executive **Larry O'Reilly** has won an appeal in the Ontario Court of Appeal in his suit against the company for wrongful dismissal. The court ruled that O'Reilly is owed compensation for stock options that vested during the "reasonable notice period" (the period Canadian law requires

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